

Shopify integration guide

This shopify integration guide will bring an extra crypto currency payment option for your customers.

Cointopay is a crypto currency payment provider with the best currencies accepted in the industry! Add modern crypto currency payment options without the volatility risks. We do daily payouts to your bank account. Your customer pays 1% + network fee of the used crypto currency. Premium support is included for free with this free integration from Cointopay.com, trusted by over 18K merchants worldwide.

This integration gives you an additional method of payment. Accept modern and popular crypto currencies as additional payment method and generate additional income for your store. This extension is easily installed with our installation guide. Once installed you enable customers to checkout via crypto currency payment options, when the customer has paid you will get notified via email. The payment will (if required) be converted and sent to your local bank account. Payout to 50 fiat currencies worldwide. It's as simple as that.

The typical use case when you choose to enable this alternative form of payment, is to enable seamless cross-border payments, fast transfer, to enable your brand for the new fintech open finance reality or just because your audience demands it! Then this plugin will give you what you need. Your site will not get modified in any way, you simply get one more checkout option.

Cointopay.com supports all crypto currencies and do all the hard stuff for you when interacting with the blockchains of bitcoin, bitcoincash, litecoin, ethereum and many other crypto currencies.

Account & Pricing

You will need to sign up on [Cointopay.com](https://cointopay.com) first to create a free merchant account after which you can configure the integration inside your shopify store. The Cointopay account is not created during this configuration, go to cointopay.com to sign up.

There are no costs involved in the creation of your account on Cointopay.com, there are no costs involved in acquiring this integration. Your customer pays 1% + network fee of the used crypto currency. Banking charges are kept to a minimum via local-to-local bank transfers. In EU no charges are applied.

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Security & Privacy

Your personal details that we store inside Cointopay.com related to you are needed to perform payouts and are not shared with anyone, they are stored encrypted using Advanced Encryption Standard (AES256) and are not transmitted in any case. The details needed to complete the transaction are secured using https and are not exposed outside the scope of the integration functionality, data that is transmitted from shopify to Cointopay is: merchantid, order number, amount, which currency to use for payment. The end customer never leaves the site, while the backend communication takes place. We take security and privacy very seriously. Our technical team has experience with fortune 500 secure systems.

Features:

- Send and receive crypto currencies
- Realtime dashboard
- International FIAT Payout (50 global fiat currencies)
- CSV Exports
- Swapping between currencies
- Buy/Sell
- Full API Access

Feature Overview

- Accept crypto currencies as payment for your products and services
- Highly secured transactions via HTTPS, all data communications is encrypted and following GDPR / IRM guidelines
- Wallet transaction functionality with transparent overviews and status for bookkeeping purposes

Detailed Functionality

- Your customer will never leave your site when checkout option is selected
- Once payments are confirmed -even when not enough was paid- we automatically convert and send to your bank- or paypal account
- In case you decide to keep some crypto currency in your wallet, our secure wallet cloud architecture will not put you at risk
- This plugin is very easy to configure
- Highly secure, which leads to low risk checkouts
- Premium support included

You are now going to start the configuration, which means setting up an empty shopify app to be able to get the credentials needed for this integration.

Then we can configure the plugin integration on cointopay.com and shopify.com

Let's start!

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Configuration

Login to your shopify admin page, click **Apps and sales channels** menu item. Click on **develop apps for your store** or on **develop apps** to create an app.

← → ↻ <https://showcase-cointopay.myshopify.com/admin/settings/apps>

Settings

showcase-cointopay


showcase-cointopay.myshopify.com


- Store details
- Plan
- Billing
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- Payments
- Checkout
- Shipping and delivery
- Taxes and duties
- Locations
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- Markets
- Apps and sales channels**
- Domains
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- Brand
- Notifications
- Metafields
- Files
- Languages
- Policies

Apps and sales channels

[Develop apps](#) [Shopify App Store](#)

Showing 2 apps and sales channels Sort by Name (A-Z) ▾


 Online Store • Sales channel Remove >

 Point of Sale • Sales channel Get support Remove >

Build custom apps for your unique needs

Develop custom apps to integrate data or build a custom storefront.

[Develop apps for your store](#) [Learn more](#)



[Learn more about apps](#)

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Click **allow custom app development** on the next screen.

← → ↻ <https://showcase-cointopay.myshopify.com/admin/settings/apps/development>


Shopify

⚙ Settings

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← App development



Start developing apps on your store

Develop your own apps to integrate your store's data with external services or build custom storefronts.

App development should only be done by trusted developers on your team. Apps can give API access to your data, and that data can be accessed outside of Shopify.

All apps are subject to the [Shopify API License and Terms of Use](#).

[Allow custom app development](#)

Learn more about [developing apps for your store](#)

- Brand
- Notifications
- Metafields
- Files
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And again **click on Allow custom app development**

← → ↻ <https://showcase-cointopay.myshopify.com/admin/settings/apps/development/enable>

Settings

showcase-cointopay
showcase-cointopay.myshopify.com

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- Apps and sales channels**

You are about to allow custom app development on your store

This can't be undone.

Apps are subject to the [Shopify API License and Terms of Use](#).

Creating apps generates access tokens that provide API access to your data. You're responsible for keeping these tokens and the data they access secure.

You should only give staff and collaborators that you trust permission to develop apps for your store.

[Cancel](#) [Allow custom app development](#)

Learn more about [custom app development](#)

Cointopay.com Crypto Payment Provider you can trust

Create an app

← → ↻ <https://showcase-cointopay.myshopify.com/admin/settings/apps/development>


shopify

Settings

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- Markets
- Apps and sales channels**

← App development



Create a custom app

Integrate your store's data with external services or build a custom storefront. Apps are subject to the [Shopify API License and Terms of Use](#).

[Create an app](#)

i Develop apps with caution

All apps are subject to the [Shopify API License and Terms of Use](#). In addition, you should not use apps to customize checkout.

App development allowed on November 23, 2022 by Cion TooPae (chris@cointopay.com).

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Create the app, give it a name. Doesn't really matter how you call it. Maybe cointopay-integration or something. Usually it shows your own email address as the app developer.

The screenshot shows the Shopify Admin interface. On the left is a sidebar menu with various store management options. The main content area is titled 'App development' and features a 'Create a custom app' section with an illustration of a computer screen and a gear. A modal window titled 'Create an app' is open in the foreground, containing the following fields and text:

- App name:** A text input field containing 'api-test'.
- App developer:** A dropdown menu showing 'account' and '@cointopay.com'.
- Text below developer:** 'Can only be assigned to staff and collaborators with permission to develop apps. We'll contact them about development updates, like changes to Shopify APIs.'
- Text below developer:** 'Apps are subject to the [Shopify API License and Terms of Use](#).'
- Buttons:** 'Cancel' and 'Create app'.

The sidebar menu includes the following items: 'showcase-cointopay', 'showcase-cointopay.myshopify.com', 'Store details', 'Plan', 'Billing', 'Users and permissions', 'Payments', 'Checkout', 'Shipping and delivery', 'Taxes and duties', 'Locations', 'Gift cards', 'Markets', 'Apps and sales channels' (highlighted with a green bar), 'Domains', 'Customer events' (with a 'New' badge), and 'Brand'.

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After the app is created we need to give it permissions and we need to create an admin api account. Forget about access tokens and api keys mentioned. We will create an admin api key with limited admin api scope access to order data. This way we can generate transactions.

First we start by giving the correct permission, click on the configure admin api scope.

The screenshot displays the 'App development' dashboard for an app named 'showcase-cointopay'. The left sidebar contains a menu with various app settings, with 'Apps and sales channels' highlighted. The main content area is titled 'App development > api-test' and features an 'Install app' button. Below this, there are tabs for 'Overview', 'Configuration', 'API credentials' (which is active), and 'App settings'. The 'API credentials' section is divided into two main parts. The top part, 'Access tokens', informs the user that they don't have any access tokens yet and provides two buttons: 'Configure Admin API scopes' (highlighted with a yellow underline) and 'Configure Storefront API scopes'. To the right of this section, a warning box states: 'Keep your access tokens secure. Only share them with developers that you trust to safely access your data.' Below this, there are three links: 'Authenticate with access tokens', 'Start using the Admin API' (underlined in blue), and 'Start using the Storefront API'. The bottom part of the 'API credentials' section is titled 'API key and secret key'. It shows the 'API key' as '9c96fea2a188755ec0cc631c00277503' and the 'API secret key' as a masked string of dots. A note indicates the key was 'Created Nov 23, 2022 at 14:33 UTC'. To the right of this section, a note says: 'Use your client secret to [verify incoming webhooks](#)'.

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Now select the **read orders** permission under **orders**.

← → ↻ https://showcase-cointopay.myshopify.com/admin/settings/apps/development/17802952705/configuration/admin_api_integration

Shopify

Settings

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App development > **api-test** Installed Uninstall app

Overview **Configuration** API credentials App settings

Configuration > Admin API integration

Admin API access scopes

All Selected **1**

Filter access scopes

Online Store pages

View or manage Online Store pages

☐ write_online_store_pages

☐ read_online_store_pages

Order editing

View or manage edits to orders

☐ write_order_edits

☐ read_order_edits

Orders

Includes personally identifiable information

View or manage orders, transactions, fulfillments, and abandoned checkouts

☐ write_orders

☒ **read_orders**

Payment terms

View or manage payment terms

☐ write_payment_terms

☐ read_payment_terms

Pixels

View or manage pixels

☐ write_pixels

☐ read_pixels

Get access to store data with the [Admin API](#). Only select the scopes your app needs. Don't access APIs in ways that violate the [Shopify API License and Terms of Use](#).

[Explore Admin API scopes](#)

[Start using the Admin API](#)

[Run demo queries with Shopify's GraphQL App](#)

Cointopay.com Crypto Payment Provider you can trust

You need to note down the admin api key that will have the permission mentioned above. That key will need to be entered in your cointopay account. Which is the next step.

https://showcase-cointopay.myshopify.com/admin/settings/apps/development/17802952705/api_credentials

The screenshot shows the Shopify Admin interface for the 'showcase-cointopay' app. On the left is a sidebar with navigation links: Store details, Plan, Billing, Users and permissions, Payments, Checkout, Shipping and delivery, and Taxes and duties. The main content area is titled 'App development > api-test' with a 'Installed' badge. Below this are tabs for Overview, Configuration, API credentials (selected), and App settings. The 'API credentials' section shows an 'Admin API access token' with a 'New' button. The token is displayed as a series of dots followed by '3e66'. It was created on Nov 23, 2022 at 14:57 UTC. A warning message states: 'You can't view this again because it provides authenticated Admin API access.'

We are assuming you already went to cointopay.com and created an account by signing up, that you entered the KYC/AML in the account section. It will get approved within 24 hours. In the meantime, please enter the **admin api key** in cointopay.com account section **shopping carts** section.

Do not forget to save. And after saving click the generate script and copy the script. We will move that to shopify.

COINTOPAY.COM SITE:

The screenshot shows the 'Configure Shopify Settings' page on Cointopay.com. On the left is a sidebar with links: Account details, Wallet currencies, Pay out details, KYC/AML (highlighted with a yellow dot), Shopping carts, Payment URLs, Billing, and Referrals. The main content area has a 'Shopify integration guide' link and a 'Shopify admin api key' section. Below this are fields for 'Shopify password', 'Shopify URL', and 'Shopify script'. A 'Generate Script' button is present. Below the button is a code block for an iframe. To the right of the code block, there is a text box labeled 'Enter your key here' and a note 'ignore this field'. Below the code block, there is a note: 'This is going to shopify: admin - settings - checkout - order status page'.

Cointopay.com Crypto Payment Provider you can trust

Paste the script in the location admin – settings – checkout – order status page and click save.

← → ↺ https://showcase-cointopay.mys... 🔑 📍 📄 ☆ 🗂 🗑 ⚙ ⬇ 🖨 🔄

Unsaved changes Setup guide Discard Save

Consent for marketing ⓘ

Let customers subscribe to marketing methods at checkout. [Customize checkbox labels](#)

☒ Email marketing

☐ Preselect this option

☐ SMS marketing

Abandoned checkout emails ⓘ

Send an email to customers who didn't finish checking out.

ⓘ Abandoned checkouts settings are no longer managed here. To view or edit your automation, visit [marketing automations](#).

Order status page ⓘ

Add tracking scripts and other customizations.

Additional scripts

```
{% if order.financial_status == 'paid' %}
  <p>This order {{ order.order_number }} has been set to status paid already
  by the merchant.</p>
{% else %}
  <p><iframe id="iCOINTOPAY" src="https://cointopay.com/SHOPIFYv2?
  Continue&TransactionID={{ checkout.order_id }}"&url=https://showcase-
  cointopay.myshopify.com" style="width: 100%; height: 565px; border: 0;">
  </iframe></p>
{% endif %}
```

Checkout language

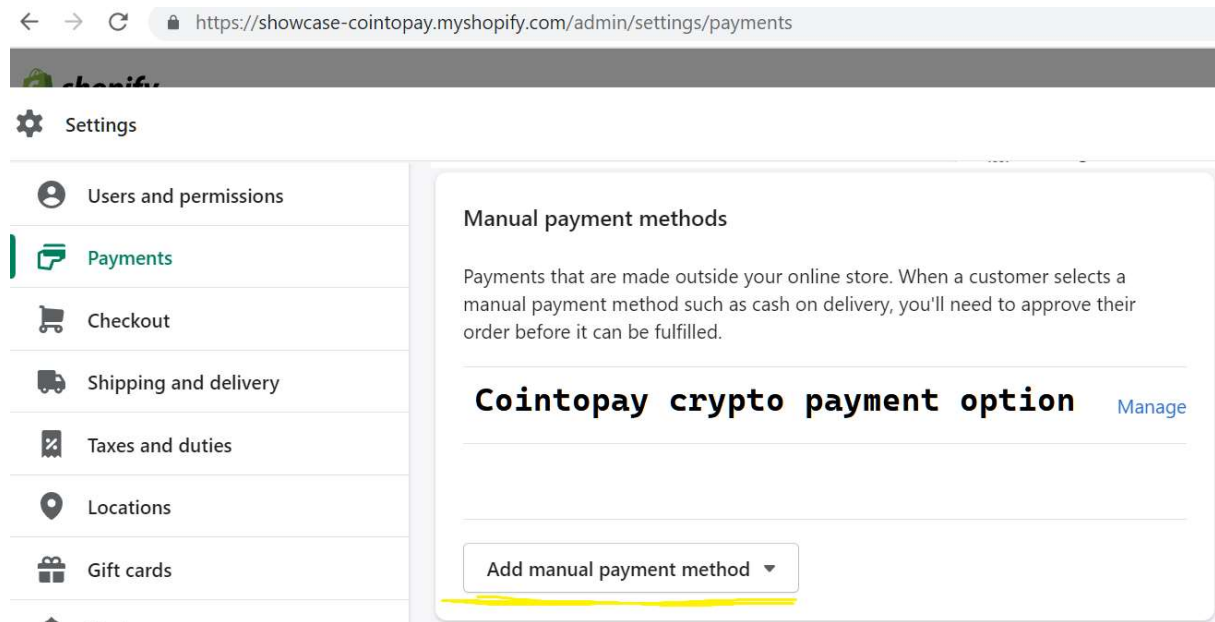
Your store's checkout page is displayed in **English**

Manage checkout language

Save

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Last step to create the menu item for the crypto currency checkout option in the payment checkout menu. Go to **Payments – Manual payment methods** and **Add manual payment method. Create custom payment method**. Add name “Cointopay crypto payment options” and click Activate.



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SUMMARY

What have we achieved with the integration above? Well when a customer selects the “Cointopay crypto payment options” in the Payments menu. They will be able to pay with crypto currency.

This is how it looks:

https://showcase-cointopay.myshopify.com/64395215112/orders/59903c4880d35871cfb1891a9697fa11

showcase-cointopay


 Order #1004
Thank you Chris!

Payment related status for this order:

Order ID: #1004
Amount: 14.95 EUR
If not paid already, pay now via crypto currency: [click here](#)

Please ensure enough miner fees are added to amount to be paid!
Only pay the order once.

If required, please scroll down for other relevant information regarding your order.

 Short T	€ 10,00
<hr/>	
Subtotal	€ 10,00
Shipping	€ 4,95
<hr/>	
Total	EUR € 14,95

Cointopay.com Crypto Payment Provider you can trust

Once the customer has paid they will be notified and so will you the merchant. You can start delivery and live is good. If you need more information please contact us via the help button on cointopay.com.

<https://showcase-cointopay.myshopify.com/64395215112/orders/59903c4880d35871cfb1891a965>



Order #1004

Thank you Chris!



Invoice #9803079



Merchant

testman5555

Amount

0.00108012 BTC

Customer Reference

1004



CRYPTO

INSTANT

FIAT/Card

0d 22h 1m 56s

? Help





Cointopay.com Crypto Payment Provider you can trust

You have completed successfully this integration guide. Now the potential pitfalls:

- 1) You have to set the preferred currency inside the cointopay.com account -> wallet currencies, that is the first coin through which the checkout will occur, if no changes are made then bitcoin will be set to that, however if you have disabled bitcoin the checkout will fail. So make sure to set it to a Coin that actually enabled.
- 2) If you have multiple accounts make sure to configure shopify only in one account, otherwise the configuration will get confused and leads to failure if one of those accounts is not active any longer.
- 3) We are not automatically updating shopify, however you can monitor incoming confirmation mails or set the confirmURL to a webpoint so you can embed it into your backend.

For any questions, please contact support@cointopay.com