☰   <> **API Reference**   🔍

Create a card token   ⌄

Create a card token

POST https://token-sandbox.dev.clover.com/v1/tokens

Creates a single-use token, which is a unique code that indicates credit card details. Use this token with endpoints like <u>create a charge</u> or <u>pay for an order</u>.

RECENT REQUESTS

TIME	STATUS	USER AGENT	
Make a request to see history.			

BODY PARAMS

card object

Card details, including metadata of the tokenized card. For more information, see <u>Create a card token</u>.

CARD OBJECT	✕

number string required

Card primary account number (PAN). To minimize your app's payment card industry (PCI) compliance burden, use `encrypted_pan` instead.

encrypted_pan string

Encrypted card primary account number (PAN). See <u>Generate a card token</u> for steps to encrypt card data.

exp_month string required

Card expiration month in 2-digit format.
Format: mm

exp_year string required

Card expiration year in 2- or 4-digit format.
Format: yy or yyyy

CVV string required

Card verification value (CVV). A 3-digit value printed on a card.

last4 string required

Last 4 numbers of the primary account number.

first6 string required

First 6 numbers of the primary account number.

country string

2-character country code.

brand string required

Card brand.

VISA

name string

Cardholder's full name on the card.

address_line1 string

First line of the address. Can include the street address, PO box, or company name.

address_line2 string

Second line of the address. Can include the apartment, suite, unit, or building number.

address_city string

City of the customer address. Can include district, suburb, town, or village.

address_state string

State of the customer address. Can include county, province, or region.

address_zip string

State of the customer address. Can include county, province, or region.

address_country string

Billing address country, if provided.

HEADERS

apikey string required

Public Ecommerce API key associated with a specific merchant and developer app. Use <u>Retrieve an Ecommerce API key or PAKMS key</u> to generate this key.

RESPONSES

200

◯ **200**

Successful response. Card token generated.

⌄

RESPONSE BODY

object

---

id string length ≤ 128

Unique identification.

---

token string length ≤ 128

Public source token provided by Clover.

---

card object

Card details, including metadata of the tokenized card.

---

number string

Card number.

---

encrypted_pan string

Encrypted card primary account number (PAN) provided by TransArmor®.

---

exp_month string

Card expiration month in 2-digit format.
Format: mm

---

exp_year string

Card expiration year in 2- or 4- digit.
Format: yy or yyyy

---

cvv string

Card verification value.

---

last4 string

Last 4 numbers of the primary account number.

---

first6 string

First 6 numbers of the primary account number.

---

country string

2-character country code.

---

brand string

Card brand.

```
VISA   MC   AMEX   DISCOVER   DINERS_CLUB   JCB
```

id string

Unique identifier.

object string

Object type. Objects with the same type have the same value.

name string

Cardholder's full name.

address_line1 string

First line of the address. Can include the street address, PO box, or company name.

address_line2 string

Second line of the address. Can include the apartment, suite, unit, or building number.

address_city string

City of the customer address. Can include district, suburb, town, or village.

address_state string

State of the customer address. Can include county, province, or region.

address_zip string

State of the customer address. Can include county, province, or region.

address_country string

Billing address country, if provided.

cvc_check string

Results of the card verification code (CVC) check when a card payment is submitted to a card network for authorization. The card issuer checks the CVC against the information on file for the cardholder.

```
pass   fail   unavailable   unchecked
```

client_ip string length ≤ 45

Internet protocol (IP) address of the client generating the token.

created integer

Time the token object was created.

livemode boolean

Indicates whether the token object is live in production.
Values:

True - Token object is in production.
False - Token object is in sandbox.

---

type string

Token type.

```
card   wallet (Google Pay or Apple Pay)
```

---

used boolean

Indicates whether the token is already used. Note that tokens can be used only once.

○ **400**

Bad request.   ›

○ **401**

Authorization information is missing or invalid.   ›

○ **5XX**

Unexpected error.   ›

LANGUAGE

| Shell | Node | Ruby | PHP | Python | ⋮ |

CURL REQUEST ∨   EXAMPLES ∨

```
 1   curl --request POST \
 2       --url https://token-sandbox.dev.clover.com/v1/tokens \
 3       --header 'accept: application/json' \
 4       --header 'content-type: application/json' \
 5       --data '
 6   {
 7     "card": {
 8       "brand": "VISA"
 9     }
10   }
11   '
```

Try It!

RESPONSE   EXAMPLES ∨

Click Try It! to start a request and see the response here! Or choose an example:

application/json

○ 200   ○ 400   ○ 401   ○ 5XX

🕑 Updated about 2 months ago

← Retrieve an Ecommerce API key or PAKMS key

Create Clover token from an external token →

Did this page help you?   👍 Yes   👎 No