



Currency Converter

Convert between major world currencies using **real-time exchange rates**.

From

To

Amount

Target Currency

100.00

-

+

EUR - Euro

▼

Source Currency

USD - US Dollar

▼

Conversion Result

From

→

To

100.00 USD

85.34 EUR

Exchange Rate: 1 USD = 0.8534 EUR



Conversion History

	Amount	From	To	Result	Rate	Date
0	100	USD	EUR	85.34	0.8534	2025-07-09 13:17



Educational Notes

About Exchange Rates

These rates are fetched from the **Frankfurter API**, updated hourly.

Base Currency: USD

Formula:

- Convert A to USD → $\text{USD} = \text{amount} / \text{rate_A}$
- Convert USD to B → $\text{B} = \text{USD} \times \text{rate_B}$

Supported Currencies

- **USD** - US Dollar (Rate: 1.0000)
- **EUR** - Euro (Rate: 0.8534)
- **GBP** - British Pound (Rate: 0.7366)
- **JPY** - Japanese Yen (Rate: 146.5300)

- **CAD** - Canadian Dollar (Rate: 1.3659)
- **AUD** - Australian Dollar (Rate: 1.5297)
- **CHF** - Swiss Franc (Rate: 0.7980)
- **CNY** - Chinese Yuan (Rate: 7.1741)
- **INR** - Indian Rupee (Rate: 85.6700)
- **KRW** - South Korean Won (Rate: 1370.4600)

💡 Built with Streamlit, Python, and real-time APIs & MySQL.