

AES Encryption and Decryption Online Tool

Advanced Encryption Standard(AES) is a symmetric encryption algorithm. AES is the industry standard as of now as it allows 128 bit, 192 bit and 256 bit encryption. Symmetric encryption is very fast as compared to asymmetric encryption and are used in systems such as database system. Following is an online tool to generate AES encrypted password and decrypt AES encrypted password. It provides two mode of encryption and decryption ECB and CBC mode. For more info on AES encryption visit this explanation on AES Encryption.

Click the link below

<https://www.devglan.com/online-tools/aes-encryption-decryption>

ECB Mode:

The screenshot displays the 'AES Online Encryption' and 'AES Online Decryption' interfaces. The 'AES Online Encryption' section on the left includes a text input field with 'Hi, how are you?', a file upload option, a 'Select Mode' dropdown menu set to 'ECB', a 'Key Size in Bits' dropdown menu set to '128', and an 'Enter Secret Key' field with '1234567890120987'. The 'AES Encrypted Output' is shown as 'o0/RrdlrE8clsZAtY7NydJZcEIXxYXR5eTHi6w5z9z8='. The 'AES Online Decryption' section on the right includes a text input field with the encrypted text, an 'Input Text Format' dropdown set to 'Base64', a 'Select Mode' dropdown menu set to 'ECB', a 'Key Size in Bits' dropdown menu set to '128', and an 'Enter Secret Key' field with '1234567890120987'. The 'AES Decrypted Output (Base64)' is shown as 'SGksIGhvdYBhcmUgeW9lPw=='. The 'Decode to Plain Text' button is visible. Annotations with red boxes and arrows point to the 'Select Mode' dropdown (labeled 'Select ECB mode from drop down'), the 'Key Size in Bits' dropdown (labeled 'Select Key Size among 128, 192, 256'), and the 'Select Mode' dropdown in the decryption section (labeled 'Select ECB mode from drop down').

Also, you can find the sample usage screenshot below:

AES Online Encryption

Enter text to be Encrypted

Hi, how are you?

OR

Choose File No file chosen

Select Mode

ECB

Key Size in Bits

128

Enter Secret Key

1234567890120987

Output Text Format: Base64 Hex

Encrypt

AES Encrypted Output:

o0/RrdlrE8clsZAtY7NydJZcEIXxYXR5eTHi6w5z9z8=

AES Online Decryption

Enter text to be Decrypted

o0/RrdlrE8clsZAtY7NydJZcEIXxYXR5eTHi6w5z9z8=

Input Text Format: Base64 Hex

Select Mode

ECB

Key Size in Bits

128

Enter Secret Key

1234567890120987

Decrypt

AES Decrypted Output (Base64):

SGksIGhvdYBhcmUgeW9lPw==

Decode to Plain Text

Hi, how are you?

Select ECB mode from drop down

Select Key Size among 128, 192, 256

Select ECB mode from drop down

CBC Mode:

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AES Online Encryption

Enter text to be Encrypted

Hi, how are you?

OR

Choose File No file chosen

Select Mode

CBC

Key Size in Bits

128

Enter IV (Optional)

Enter initialization vector

Enter Secret Key

1234567890120987

Output Text Format: Base64 Hex

Encrypt

AES Encrypted Output:

o0/RrdLrE8clsZAtY7NydMYJswbCzRTW8SlppxCcwkU=

AES Online Decryption

Enter text to be Decrypted

o0/RrdLrE8clsZAtY7NydJZcElXxYXR5eThl6w5z9z8=

Input Text Format: Base64 Hex

Select Mode

CBC

Enter IV Used During Encryption(Optional)

Enter initialization vector

Key Size in Bits

128

Enter Secret Key

1234567890120987

Decrypt

AES Decrypted Output (Base64):

Given final block not properly padded. Such issues can arise if a bad key is used during decryption.

Decode to Plain Text

Hi, how are you?

Jasypt Online Encrypt Decrypt

AES Online Encrypt Decrypt

HMAC-SHA256 Online Tool

Online Base64 Encoder Decoder

Online Xml to Json Converter

Select CBC mode from drop down

Select Key Size among 128, 192, 256

Select CBC mode from drop down

Select Key Size among 128, 192, 256