

Converting Colors

Hex(282A06)

Have a look what the booklet for
Hex(282A06) contains.

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Color

Hex(282A06)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 282A06 |
| RGB | 40, 42, 6 |
| RGB Percent | 16%, 16%, 2% |
| CMY | 0.8431, 0.8353, 0.9765 |
| CMYK | 0.05, 0.00, 0.86, 0.84 |
| HSL | 63°, 75%, 9% |
| HSV | 63°, 86%, 16% |
| XYZ | 1.7359, 2.1202, 0.4900 |
| YIQ | 37.2980, 10.3640, -11.6200 |

Conversions

Conversions Part 2

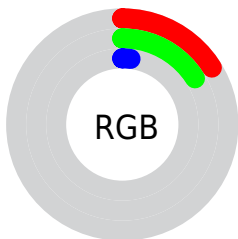
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 6, 42, 8 |
| Decimal | 2632198 |
| CIELab | 16.11, -6.71, 20.76 |
| CIELCh | 16, 21.818, 107.920 |
| Yxy | 2.1202, 0.3994, 0.4878 |
| Android (android.graphics.Color) | 4280822278 (0xFF282A06) |
| YUV | 37.2980, -15.4299, 2.3697 |
| Hunter-Lab | 14.5609, -4.2013, 8.1972 |

Details

The Hex color **282A06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **08062A**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **565733**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **282A02**, and if you desaturate by 10%, it is **282A0A**.

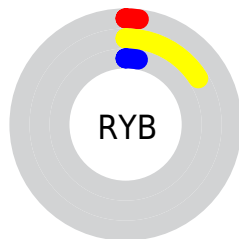
Distribution



Red (16%)

Green (16%)

Blue (2%)



Red (2%)

Yellow (16%)

Blue (3%)

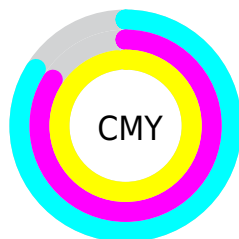


Cyan (5%)

Magenta (0%)

Yellow (86%)

Black (84%)



Cyan (84%)

Magenta (84%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 282A06 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 282A06 by changing the saturation by 10% instead.

 282A06

 282A06

 FFFFE8

 101600

 565733

 000000

 6F704A

 898962

 A3A37B

 BEBE95

 DADAB0

 F7F6CB

 282A06

 282A06

■ 282A02

■ 282A0A

■ 282A00

■ 282A0E

■ 292A13

■ 292A17

■ 292A1B

■ 292A1F

■ 2A2A23

■ 2A2A28

■ 2A2A2C

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



362505



282A06



162D12

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



282A06



002F3F



411B2F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



282A06



08062A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35203D



282A06



002B46

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



282A06



003031



1E2646



451B1F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



282A06



032F1C



1E2646



3E1C34

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



282A06



353628



2A0806



1C1C13



9C9C9C



1C1C1C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



282A06



333600



162A06



141412



4F5400



C8D400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



08062A



030036



1A062A



121214



050054



0C00D4

Previews

White Background



This preview shows how the Hex color 282A06 looks on a white background.

Color Contrast Check

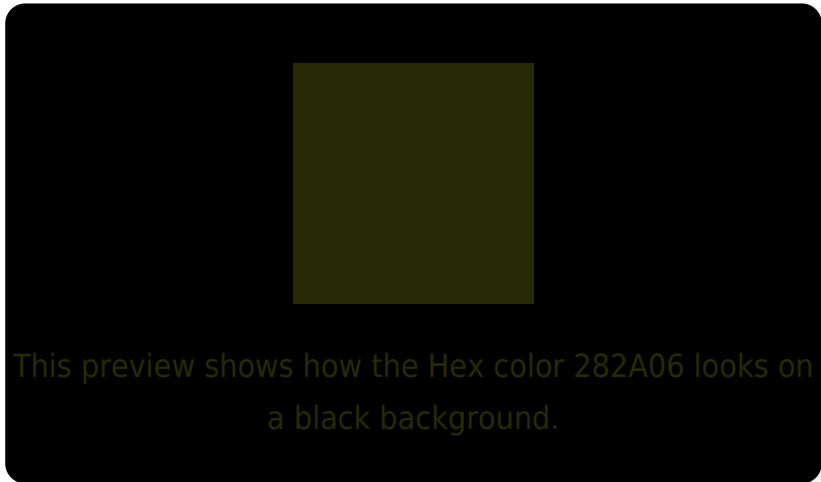
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

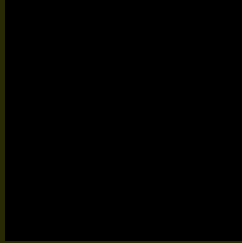
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

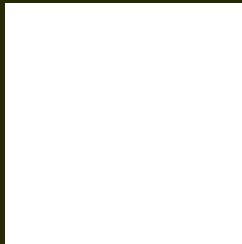
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 282A06 Background



This preview shows how black text looks on a background with the Hex color 282A06.

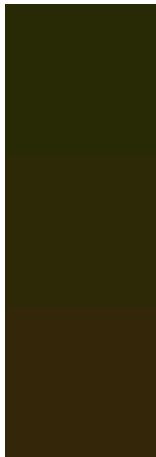


This preview shows how white text looks on a background with the Hex color 282A06.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
282A06

Protanopia
2D2805

Deuteranopia
332609



Tritanopia
2B272A

Trichromacy



Original Color
282A06

Protanomaly
2B2905

Deuteranomaly
2F2708

Tritanomaly
2A281D

Monochromacy



Original Color
282A06

Achromatopsia
252525

Achromatomaly
26271A

CSS Examples

Text

The CSS property to change the color of the text to Hex 282A06 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #282A06 looks like.

```
.text, #text, p{  
    color:#282A06  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #282A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #282A06
}
```

Border

The CSS property to change the border of an element to Hex 282A06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

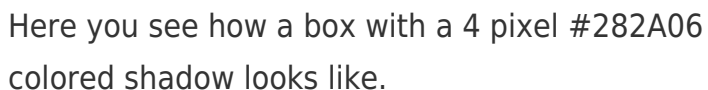
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#282A06 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#282A06 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #282A06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #282A06; -webkit-box-shadow:4px 4px  
4px 4px #282A06; box-shadow:4px 4px 4px  
4px #282A06 }
```

Background

The CSS property to change the background color of an element to Hex 282A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#282A06 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#282A06 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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