

Converting Colors

Hex(272712)

Have a look what the booklet for
Hex(272712) contains.

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Color

Hex(272712)

Conversions

Conversions Part 1

Format	Color
Hex	272712
RGB	39, 39, 18
RGB Percent	15%, 15%, 7%
CMY	0.8471, 0.8471, 0.9294
CMYK	0.00, 0.00, 0.54, 0.85
HSL	60°, 37%, 11%
HSV	60°, 54%, 15%
XYZ	1.6714, 1.9260, 0.8559
YIQ	36.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

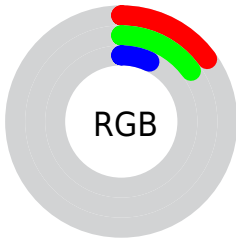
Format	Color
RYB	18, 39, 18
Decimal	2565906
CIELab	15.09, -4.00, 13.78
CIELCh	15, 14.352, 106.203
Yxy	1.9260, 0.3753, 0.4325
Android (android.graphics.Color)	4280755986 (0xFF272712)
YUV	36.6060, -9.1728, 2.0995
Hunter-Lab	13.8782, -2.7895, 6.0580

Details

The Hex color **272712** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **121227**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **55543C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **27270E**, and if you desaturate by 10%, it is **272716**.

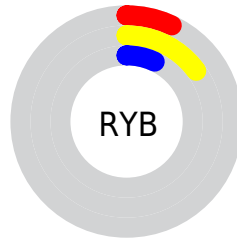
Distribution



Red (15%)

Green (15%)

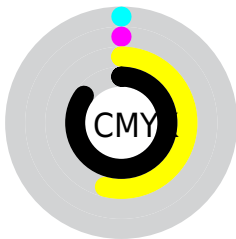
Blue (7%)



Red (7%)

Yellow (15%)

Blue (7%)

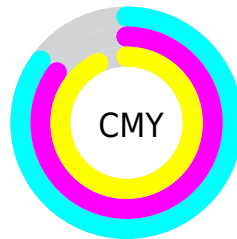


Cyan (0%)

Magenta (0%)

Yellow (54%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272712 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 272712 by changing the saturation by 10% instead.

■ 272712

■ 272712

■ FFFFF3

■ 111300

■ 55543C

■ 000000

■ 6D6C54

■ 87856C

■ A19F85

■ BCBA00

■ D8D6BB

■ F4F2D6

■ 272712

■ 272712

■ 27270E

■ 272716

■ 27270A

■ 27271A

■ 272706

■ 27271E

■ 272702

■ 272722

■ 272700

■ 272726

■ 272729

■ 27272D

■ 272731

■ 272735

Harmonies

Analogous

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



312412



272712



1C2A18

Triad

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



272712



002A34



371E2B

Complementary

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



272712



121227

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.



2E2134



272712



0E2839

Square

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



272712



012B2B



202539



3A1E21

Rectangle

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



272712



132B1D



202539



341F2E

Sweetspot

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



272712



33332B



271212



1A1A15



999999



1A1A1A

Same Dimension

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



272712



333312



1D2712



141412



545400



D4D400

Inverse Universe

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



121227



121233



1D1227



121214



000054



0000D4

Previews

White Background



This preview shows how the Hex color 272712 looks on a white background.

Color Contrast Check

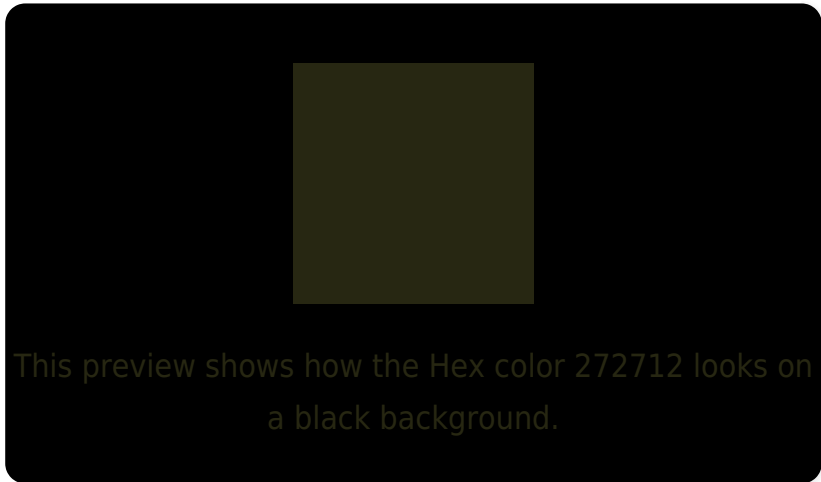
Large Text (above 18pt) WCAG AA ✓ Pass

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

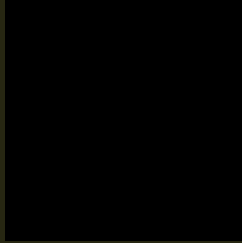
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

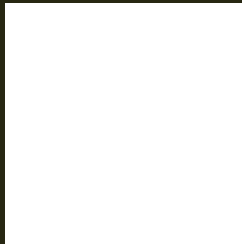
Any Text WCAG AAA × Fail

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

Hex 272712 Background



This preview shows how black text looks on a background with the Hex color 272712.

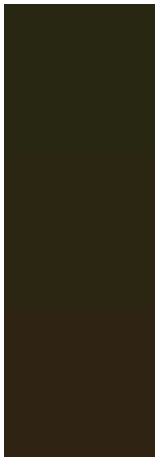


This preview shows how white text looks on a background with the Hex color 272712.

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
272712

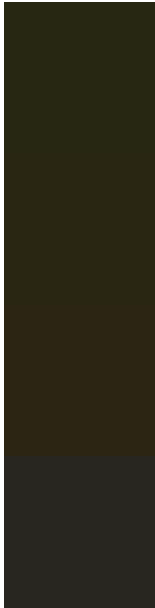
Protanopia
2A2612

Deuteranopia
2F2413



Tritanopia
292528

Trichromacy



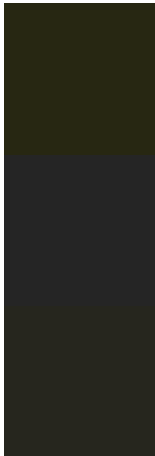
Original Color
272712

Protanomaly
292612

Deuteranomaly
2C2513

Tritanomaly
282620

Monochromacy



Original Color
272712

Achromatopsia
252525

Achromatomaly
26261E

CSS Examples

Text

The CSS property to change the color of the text to Hex 272712 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 #272712 looks like.

```
.text, #text, p{  
    color:#272712  
}
```

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 #272712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272712
}
```

Border

The CSS property to change the border of an element to Hex 272712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

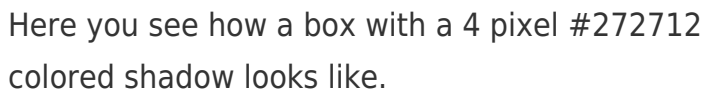
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272712 }
```

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

```
.border{ border-color:#272712 }
```

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



Here you see how a box with a 4 pixel #272712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272712; -webkit-box-shadow:4px 4px  
4px 4px #272712; box-shadow:4px 4px 4px  
4px #272712 }
```

Background

The CSS property to change the background color of an element to Hex 272712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272712 }
```

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

```
.background{ background-color:#272712 }
```

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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