

Converting Colors

Hex(272C0A)

Have a look what the booklet for
Hex(272C0A) contains.

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Color

Hex(272C0A)

Conversions

Conversions Part 1

Format	Color
Hex	272C0A
RGB	39, 44, 10
RGB Percent	15%, 17%, 4%
CMY	0.8471, 0.8275, 0.9608
CMYK	0.11, 0.00, 0.77, 0.83
HSL	69°, 63%, 11%
HSV	69°, 77%, 17%
XYZ	1.7922, 2.2546, 0.6279
YIQ	38.6290, 7.9340, -11.6340

Conversions

Conversions Part 2

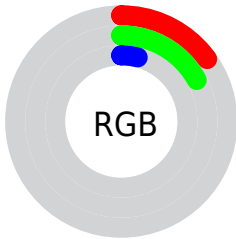
Format	Color
R_{YB}	10, 44, 15
Decimal	2567178
CIE _{Lab}	16.77, -8.17, 19.93
CIE _{LCh}	17, 21.543, 112.288
Yxy	2.2546, 0.3834, 0.4823
Android (android.graphics.Color)	4280757258 (0xFF272C0A)
YUV	38.6290, -14.1141, 0.3254
Hunter-Lab	15.0154, -4.9719, 8.0315

Details

The Hex color **272C0A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0F0A2C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **555936**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **262C06**, and if you desaturate by 10%, it is **282C0E**.

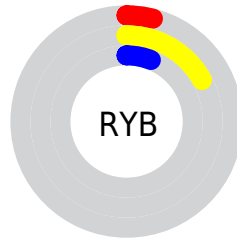
Distribution



Red (15%)

Green (17%)

Blue (4%)



Red (4%)

Yellow (17%)

Blue (6%)

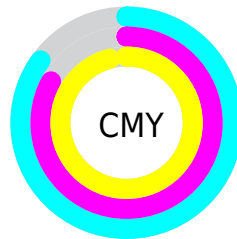


Cyan (11%)

Magenta (0%)

Yellow (77%)

Black (83%)



Cyan (85%)

Magenta (83%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272C0A 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 272C0A by changing the saturation by 10% instead.

 272C0A

 272C0A

 FFFFEB

 101800

 555936

 000000

 6E724D

 878B65

 A2A67E

 BDC198

 D9DDB3

 F5F9CF

 272C0A

 272C0A

■ 262C06

■ 282C0E

■ 262C01

■ 282C13

■ 262C00

■ 292C17

■ 2A2C1C

■ 2A2C20

■ 2B2C24

■ 2C2C29

■ 2C2C2D

■ 2D2C32

Harmonies

Analogous

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



362707



272C0A



142F16

Triad

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



272C0A



003041



441C2E

Complementary

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



272C0A



0F0A2C

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.



38213C



272C0A



002C48

Square

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



272C0A



003135



242746



461D1F

Rectangle

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



272C0A



013020



242746



411D33

Sweetspot

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



272C0A



36382B



2C0F0A



1B1C14



9C9C9C



1C1C1C

Same Dimension

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



272C0A



303804



162C0A



171715



4A5700



B7D600

Inverse Universe

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



0F0A2C



0C0438



200A2C



151517



0D0057



1F00D6

Previews

White Background



This preview shows how the Hex color 272C0A looks on a white background.

Color Contrast Check

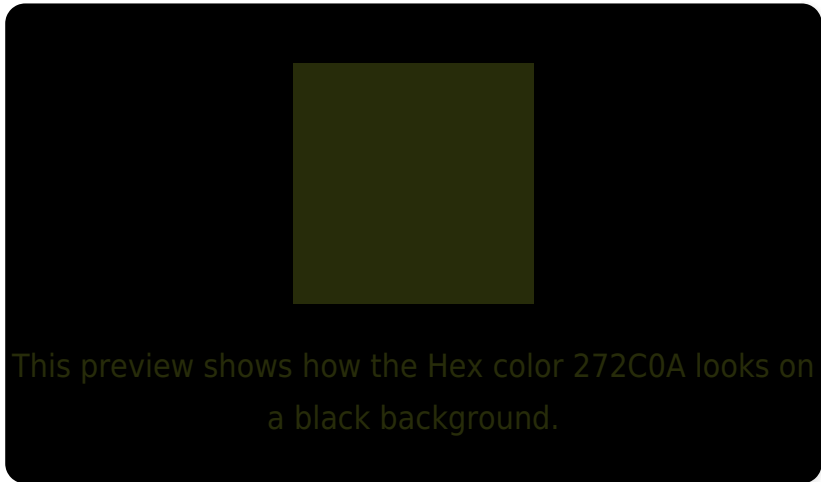
Large Text (above 18pt) WCAG AA ✓ Pass

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

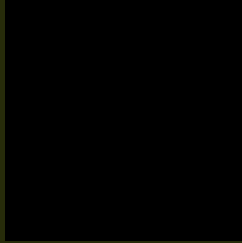
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

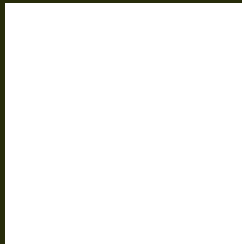
Any Text WCAG AAA × Fail

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

Hex 272C0A Background



This preview shows how black text looks on a background with the Hex color 272C0A.

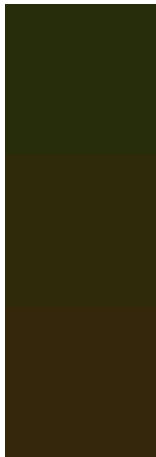


This preview shows how white text looks on a background with the Hex color 272C0A.

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
272C0A

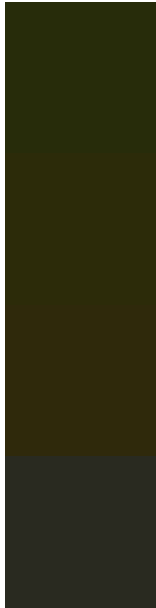
Protanopia
2F2A09

Deuteranopia
34270C



Tritanopia
2A292C

Trichromacy



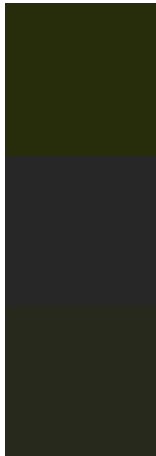
Original Color
272C0A

Protanomaly
2C2B09

Deuteranomaly
2F290B

Tritanomaly
292A20

Monochromacy



Original Color
272C0A

Achromatopsia
272727

Achromatomaly
27291C

CSS Examples

Text

The CSS property to change the color of the text to Hex 272C0A 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 #272C0A looks like.

```
.text, #text, p{  
    color:#272C0A  
}
```

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 #272C0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272C0A
}
```

Border

The CSS property to change the border of an element to Hex 272C0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

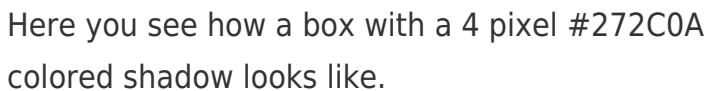
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272C0A }
```

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

```
.border{ border-color:#272C0A }
```

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



Here you see how a box with a 4 pixel #272C0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272C0A; -webkit-box-shadow:4px 4px  
4px 4px #272C0A; box-shadow:4px 4px 4px  
4px #272C0A }
```

Background

The CSS property to change the background color of an element to Hex 272C0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272C0A }
```

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

```
.background{ background-color:#272C0A }
```

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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