

# Converting Colors

Hex(272B0C)

Have a look what the booklet for  
Hex(272B0C) contains.

<b>Hex(272B0C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(272B0C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	272B0C
RGB	39, 43, 12
RGB Percent	15%, 17%, 5%
CMY	0.8471, 0.8314, 0.9529
CMYK	0.09, 0.00, 0.72, 0.83
HSL	68°, 56%, 11%
HSV	68°, 72%, 17%
XYZ	1.7669, 2.1856, 0.6766
YIQ	38.2700, 7.5670, -10.4890

# Conversions

## Conversions Part 2

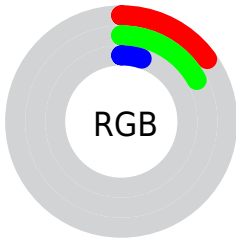
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 43, 16
Decimal	2566924
CIE Lab	16.43, -7.34, 18.66
CIE LCh	16, 20.048, 111.484
Yxy	2.1856, 0.3817, 0.4721
Android (android.graphics.Color)	4280757004 (0xFF272B0C)
YUV	38.2700, -12.9511, 0.6402
Hunter-Lab	14.7839, -4.5379, 7.6354

# Details

The Hex color **272B0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **100C2B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **555837**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **262B08**, and if you desaturate by 10%, it is **282B10**.

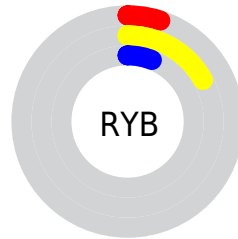
# Distribution



Red (15%)

Green (17%)

Blue (5%)



Red (5%)

Yellow (17%)

Blue (6%)

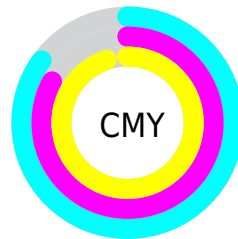


Cyan (9%)

Magenta (0%)

Yellow (72%)

Black (83%)



Cyan (85%)

Magenta (83%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 272B0C 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 272B0C by changing the saturation by 10% instead.



 272B0C

 272B0C

 FFFFD

 101700

 555837

 000000

 6E714E

 878A67

 A1A480

 BDC09A

 D9DBB5

 F5F8D0

 272B0C

 272B0C

■ 262B08

■ 282B10

■ 262B03

■ 282B15

■ 252B00

■ 292B19

■ 292B1D

■ 2A2B22

■ 2A2B26

■ 2B2B2A

■ 2B2B2E

■ 2C2B33

# Harmonies

## Analogous

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



35260A



272B0C



162E16

# Triad

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



272B0C



002E3F



411D2D

# Complementary

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



272B0C



100C2B

# 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.



36213B



272B0C



002B45

# Square

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



272B0C



003033



232743



431D1F

# Rectangle

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



272B0C



052F1F



232743



3E1E32



# Sweetspot

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



272B0C



37382C



2B100C



1B1C15



9C9C9C



1C1C1C



# Same Dimension

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



272B0C



323807



182B0C



141412



495400



B8D400



# Inverse Universe

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



100C2B



0E0738



1F0C2B



131214



0B0054



1B00D4



# Previews

## White Background



This preview shows how the Hex color 272B0C looks on a white background.

## Color Contrast Check

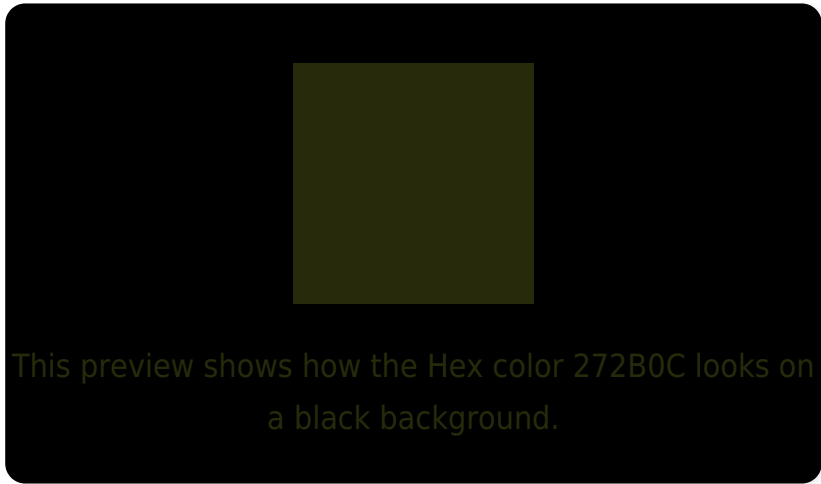
Large Text (above 18pt) WCAG AA ✓ Pass

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

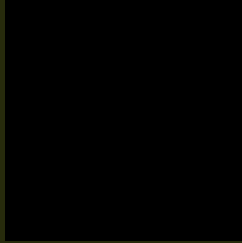
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

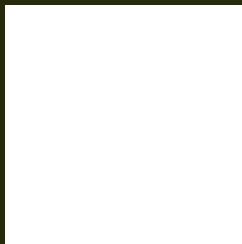
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 272B0C Background



This preview shows how black text looks on a background with the Hex color 272B0C.



This preview shows how white text looks on a background with the Hex color 272B0C.

# 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**  
272B0C

**Protanopia**  
2E290B

**Deuteranopia**  
33270E



**Tritanopia**  
2A282B

# Trichromacy



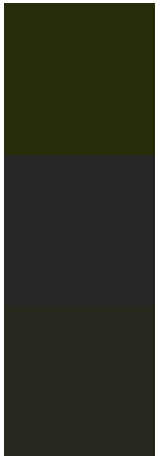
**Original Color**  
272B0C

**Protanomaly**  
2B2A0B

**Deuteranomaly**  
2F280D

**Tritanomaly**  
292920

# Monochromacy



**Original Color**  
272B0C

**Achromatopsia**  
262626

**Achromatomaly**  
26281D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 272B0C 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 #272B0C looks like.

```
.text, #text, p{  
    color:#272B0C  
}
```

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 #272B0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272B0C
}
```

## Border

The CSS property to change the border of an element to Hex 272B0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

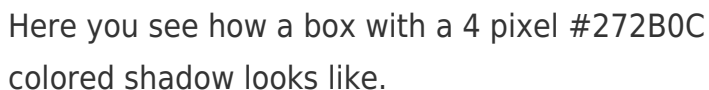
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#272B0C }
```

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

```
.border{ border-color:#272B0C }
```

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



Here you see how a box with a 4 pixel #272B0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272B0C; -webkit-box-shadow:4px 4px  
4px 4px #272B0C; box-shadow:4px 4px 4px  
4px #272B0C }
```

# Background

The CSS property to change the background color of an element to Hex 272B0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272B0C }
```

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

```
.background{ background-color:#272B0C }
```

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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