

# Converting Colors

Hex(272C20)

Have a look what the booklet for  
Hex(272C20) contains.

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# Color

Hex(272C20)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	272C20
RGB	39, 44, 32
RGB Percent	15%, 17%, 13%
CMY	0.8471, 0.8275, 0.8745
CMYK	0.11, 0.00, 0.27, 0.83
HSL	85°, 16%, 15%
HSV	85°, 27%, 17%
XYZ	1.9981, 2.3370, 1.7123
YIQ	41.1370, 0.8720, -4.7920

# Conversions

## Conversions Part 2

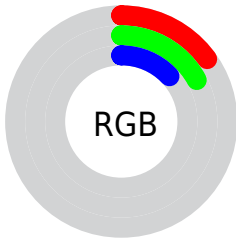
Format	Color
<a href="#">RYB</a>	<a href="#">32, 44, 37</a>
Decimal	<a href="#">2567200</a>
CIELab	<a href="#">17.16, -4.96, 7.07</a>
CIELCh	<a href="#">17, 8.637, 125.021</a>
Yxy	<a href="#">2.3370, 0.3304, 0.3864</a>
Android (android.graphics.Color)	<a href="#">4280757280</a> ( <a href="#">0xFF272C20</a> )
YUV	<a href="#">41.1370, -4.5045, -1.8741</a>
Hunter-Lab	<a href="#">15.2872, -3.4220, 4.0601</a>

# Details

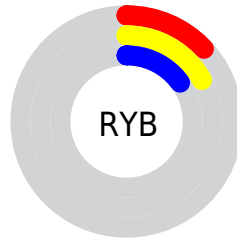
The Hex color **272C20** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25202C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **54594C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **252C1C**, and if you desaturate by 10%, it is **292C24**.

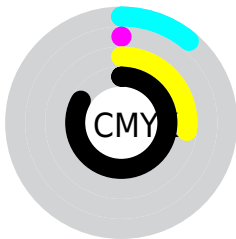
# Distribution



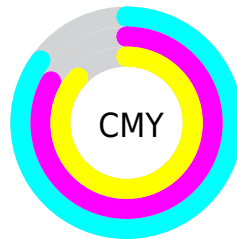
- Red (15%)
- Green (17%)
- Blue (13%)



- Red (13%)
- Yellow (17%)
- Blue (15%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (83%)



- Cyan (85%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 272C20 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 272C20 by changing the saturation by 10% instead.



■ 272C20

■ 272C20

FFFFFF

■ 131809

■ 54594C

■ 000000

■ 6C7264

■ 868B7D

■ A0A697

■ BBC1B1

■ D6DDCD

■ F3F9E9

■ 272C20

■ 272C20

■ 252C1C

■ 292C24

■ 232C17

■ 2B2C29

■ 222C13

■ 2D2C2D

■ 202C0E

■ 2E2C32

■ 1E2C0A

■ 302C36

■ 1C2C06

■ 322C3A

■ 1A2C01

■ 342C3F

■ 1A2C00

■ 362C43

■ 372C48

# Harmonies

## Analogous

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



2E2A1E



272C20



202D25

# Triad

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



272C20



1D2C35



372629

# Complementary

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



272C20



25202C

# 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.



332730



272C20



242A36

# Square

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



272C20



192D31



2D2834



372623

# Rectangle

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



272C20



1C2E29



2D2834



36262C



# Sweetspot

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



272C20



363834



2C2520



1B1C19



9C9C9C



1C1C1C



# Same Dimension

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



272C20



303826



212C20



161715



335700



7DD600



# Inverse Universe

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



25202C



2D2638



2B202C



161517



240057

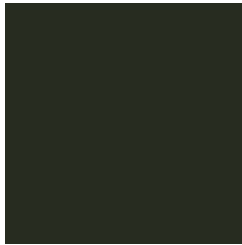


5900D6



# Previews

## White Background



This preview shows how the Hex color 272C20 looks on a white background.

## Color Contrast Check

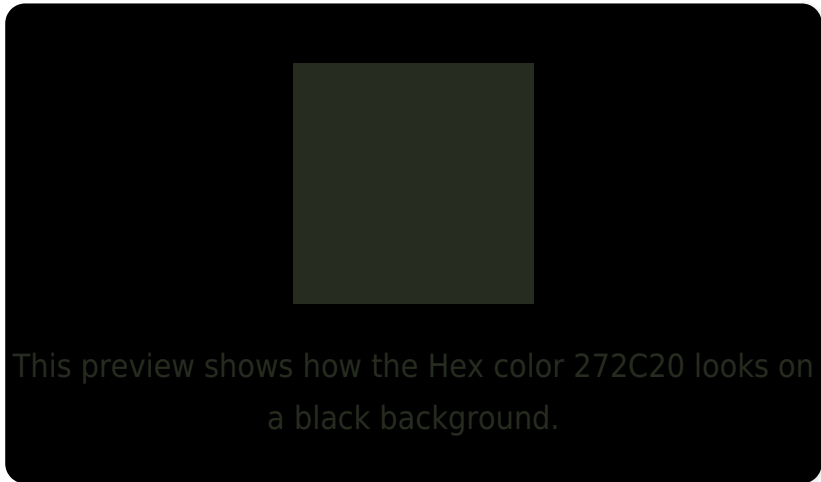
Large Text (above 18pt) WCAG AA ✓ Pass

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

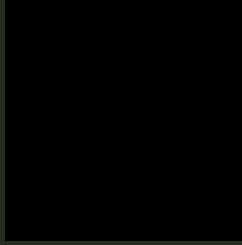
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

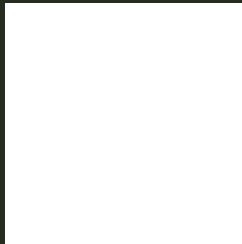
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 272C20 Background



This preview shows how black text looks on a background with the Hex color 272C20.

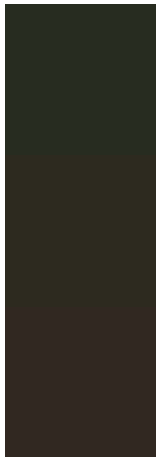


This preview shows how white text looks on a background with the Hex color 272C20.

# 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**  
272C20

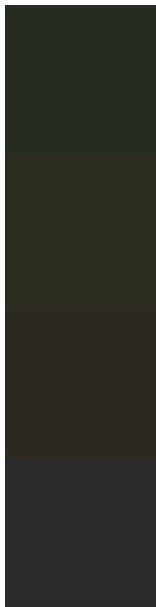
**Protanopia**  
2D2A1F

**Deuteranopia**  
312821



**Tritanopia**  
292A2E

# Trichromacy



**Original Color**

272C20

**Protanomaly**

2B2B1F

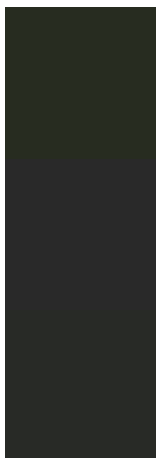
**Deuteranomaly**

2D2921

**Tritanomaly**

282B29

# Monochromacy



**Original Color**

272C20

**Achromatopsia**

292929

**Achromatomaly**

282A26

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 272C20 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 #272C20 looks like.

```
.text, #text, p{  
    color:#272C20  
}
```

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 #272C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272C20
}
```

## Border

The CSS property to change the border of an element to Hex 272C20 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
#272C20 }
```

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

```
.border{ border-color:#272C20 }
```

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

Here you see how a box with a 4 pixel #272C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272C20; -webkit-box-shadow:4px 4px  
4px 4px #272C20; box-shadow:4px 4px 4px  
4px #272C20 }
```

# Background

The CSS property to change the background color of an element to Hex 272C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272C20 }
```

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

```
.background{ background-color:#272C20 }
```

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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