

Converting Colors

Hex(272B16)

Have a look what the booklet for
Hex(272B16) contains.

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Color

Hex(272B16)

Conversions

Conversions Part 1

Format	Color
Hex	272B16
RGB	39, 43, 22
RGB Percent	15%, 17%, 9%
CMY	0.8471, 0.8314, 0.9137
CMYK	0.09, 0.00, 0.49, 0.83
HSL	71°, 32%, 13%
HSV	71°, 49%, 17%
XYZ	1.8454, 2.2170, 1.0897
YIQ	39.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

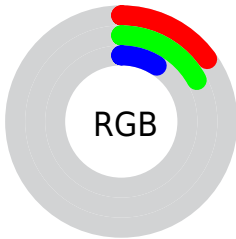
Format	Color
R_{YB}	22, 43, 26
Decimal	2566934
CIE _{Lab}	16.59, -6.08, 13.08
CIE _{LCh}	17, 14.427, 114.910
Yxy	2.2170, 0.3582, 0.4303
Android (android.graphics.Color)	4280757014 (0xFF272B16)
YUV	39.4100, -8.5831, -0.3596
Hunter-Lab	14.8896, -3.9339, 6.0835

Details

The Hex color **272B16** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1A162B**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **545841**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **262B12**, and if you desaturate by 10%, it is **282B1A**.

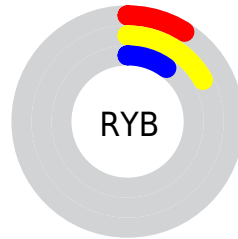
Distribution



Red (15%)

Green (17%)

Blue (9%)



Red (9%)

Yellow (17%)

Blue (10%)

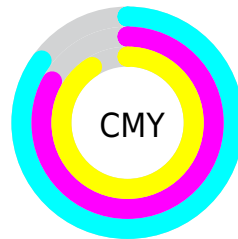


Cyan (9%)

Magenta (0%)

Yellow (49%)

Black (83%)



Cyan (85%)

Magenta (83%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 272B16 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 272B16 by changing the saturation by 10% instead.

■ 272B16

■ 272B16

■ FFFFF8

■ 131700

■ 545841

■ 000000

■ 6D7158

■ 868A71

■ A1A48A

■ BCC0A5

■ D7DBC0

■ F4F8DC

■ 272B16

■ 272B16

■ 262B12

■ 282B1A

■ 252B0D

■ 292B1F

■ 252B09

■ 292B23

■ 242B05

■ 2A2B27

■ 232B00

■ 2B2B2C

■ 2C2B30

■ 2D2B34

■ 2E2B38

■ 2E2B3D

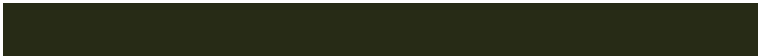
Harmonies

Analogous

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



312814



272B16



1B2D1D

Triad

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



272B16



052D3A



3C212B

Complementary

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



272B16



1A162B

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.



342335



272B16



172B3D

Square

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



272B16



022E31



28273C



3D2221

Rectangle

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



272B16



122E23



28273C



3A222F

Sweetspot

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



272B16



363830



2B1A16



1B1C17



9C9C9C



1C1C1C

Same Dimension

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



272B16



323817



1D2B16



141412



445400



ABD400

Inverse Universe

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



1A162B



1D1738



24162B



131214



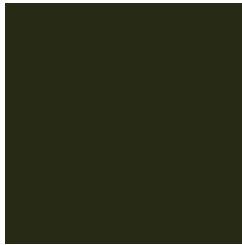
100054



2800D4

Previews

White Background



This preview shows how the Hex color 272B16 looks on a white background.

Color Contrast Check

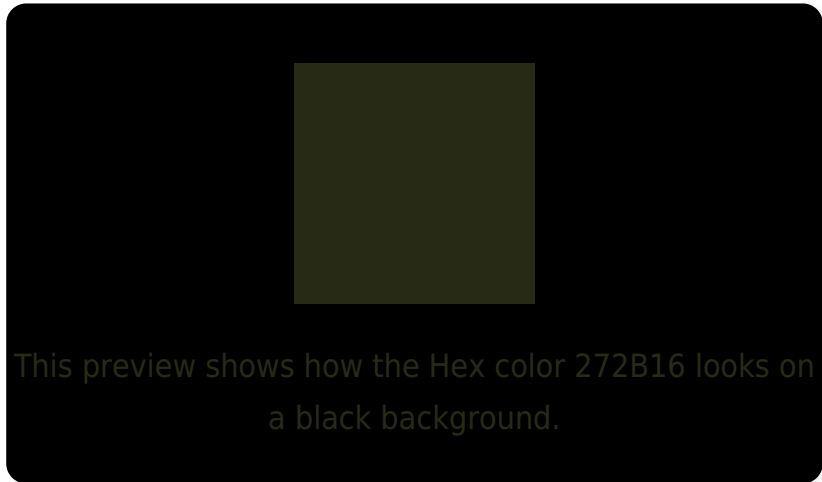
Large Text (above 18pt) WCAG AA ✓ Pass

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

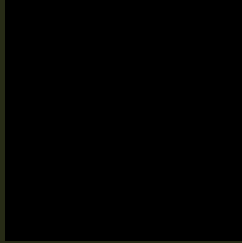
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

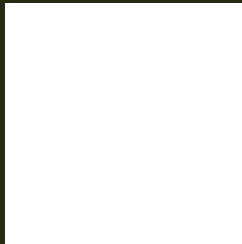
Any Text WCAG AAA × Fail

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

Hex 272B16 Background



This preview shows how black text looks on a background with the Hex color 272B16.

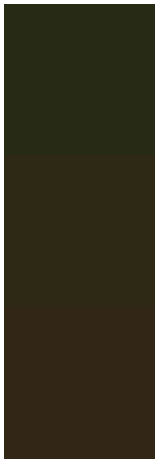


This preview shows how white text looks on a background with the Hex color 272B16.

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
272B16

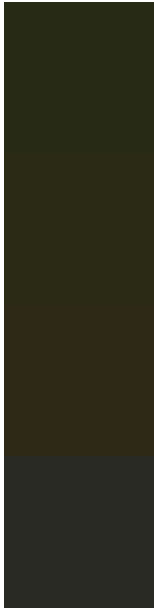
Protanopia
2D2915

Deuteranopia
322717



Tritanopia
2A292C

Trichromacy



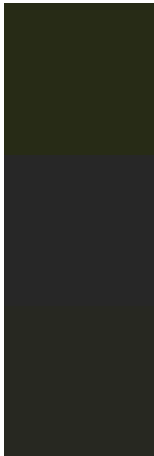
Original Color
272B16

Protanomaly
2B2A15

Deuteranomaly
2E2817

Tritanomaly
292A24

Monochromacy



Original Color
272B16

Achromatopsia
272727

Achromatomaly
272821

CSS Examples

Text

The CSS property to change the color of the text to Hex 272B16 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 #272B16 looks like.

```
.text, #text, p{  
    color:#272B16  
}
```

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 #272B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #272B16
}
```

Border

The CSS property to change the border of an element to Hex 272B16 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
#272B16 }
```

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

```
.border{ border-color:#272B16 }
```

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

Here you see how a box with a 4 pixel #272B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #272B16; -webkit-box-shadow:4px 4px  
4px 4px #272B16; box-shadow:4px 4px 4px  
4px #272B16 }
```

Background

The CSS property to change the background color of an element to Hex 272B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#272B16 }
```

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

```
.background{ background-color:#272B16 }
```

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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