

Converting Colors

Hex(27381C)

Have a look what the booklet for
Hex(27381C) contains.

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Color

Hex(27381C)

Conversions

Conversions Part 1

Format	Color
Hex	27381C
RGB	39, 56, 28
RGB Percent	15%, 22%, 11%
CMY	0.8471, 0.7804, 0.8902
CMYK	0.30, 0.00, 0.50, 0.78
HSL	96°, 33%, 16%
HSV	96°, 50%, 22%
XYZ	2.4605, 3.3435, 1.6143
YIQ	47.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

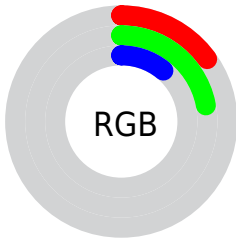
Format	Color
R_{YB}	28, 56, 45
Decimal	2570268
CIE _{Lab}	21.37, -13.17, 15.30
CIE _{LCh}	21, 20.186, 130.721
Yxy	3.3435, 0.3317, 0.4507
Android (android.graphics.Color)	4280760348 (0xFF27381C)
YUV	47.7250, -9.7244, -7.6518
Hunter-Lab	18.2853, -7.9803, 7.5654

Details

The Hex color **27381C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2D1C38**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **556748**, and **000900** is the 20% darker color. If you saturate the color by 10%, you get **243816**, and if you desaturate by 10%, it is **2A3822**.

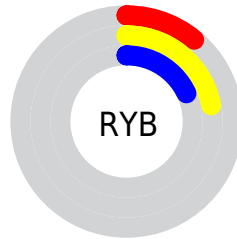
Distribution



Red (15%)

Green (22%)

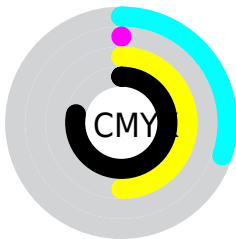
Blue (11%)



Red (11%)

Yellow (22%)

Blue (18%)

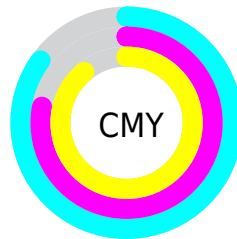


Cyan (30%)

Magenta (0%)

Yellow (50%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27381C 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 27381C by changing the saturation by 10% instead.

■ 27381C

■ 27381C

FFFFFF

■ 132203

■ 556748

■ 000900

■ 6D8060

■ 000000

■ 879A79

■ A1B593

■ BCD1AD

■ D8EDC9

■ F5FFE5

■ 27381C

■ 27381C

■ 243816

■ 2A3822

■ 203811

■ 2E3827

■ 1D380B

■ 31382D

■ 193806

■ 353832

■ 163800

■ 383838

■ 3B383E

■ 3F3843

■ 423849

■ 46384E

Harmonies

Analogous

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



373415



27381C



123A29

Triad

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



27381C



00384F



50272E

Complementary

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



27381C



2D1C38

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.



4A283D



27381C



253350

Square

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



27381C



003A46



3C2D4A



4D2A21

Rectangle

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



27381C



003B33



3C2D4A



4F2734

Sweetspot

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



27381C



434A3F



382D1C



22261F



A6A6A6



262626

Same Dimension

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



27381C



2F4A1E



1C381F



1A1C19



245C00



56DB00

Inverse Universe

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



2D1C38



391E4A



381C35



1B191C



38005C



8500DB

Previews

White Background



This preview shows how the Hex color 27381C looks on a white background.

Color Contrast Check

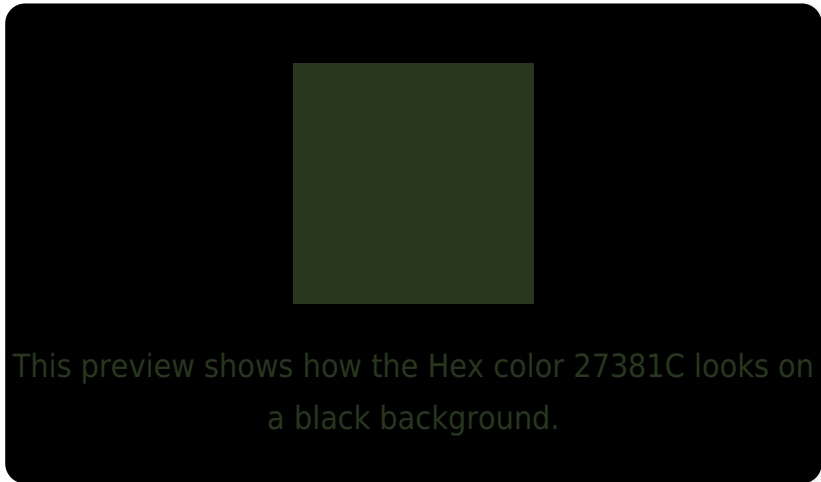
Large Text (above 18pt) WCAG AA ✓ Pass

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

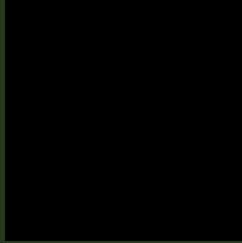
Any Text WCAG AA × Fail

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 27381C Background



This preview shows how black text looks on a background with the Hex color 27381C.



This preview shows how white text looks on a background with the Hex color 27381C.

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](#).

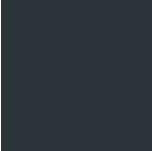
Dichromacy



Original Color
27381C

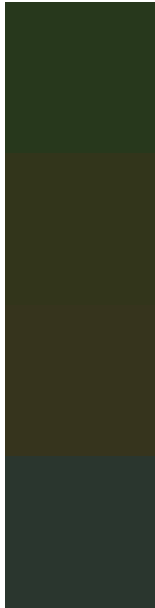
Protanopia
39331A

Deuteranopia
3E311E



Tritanopia
2B3539

Trichromacy



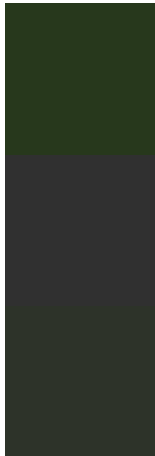
Original Color
27381C

Protanomaly
32351B

Deuteranomaly
36341D

Tritanomaly
2A362E

Monochromacy



Original Color
27381C

Achromatopsia
303030

Achromatomaly
2D3329

CSS Examples

Text

The CSS property to change the color of the text to Hex 27381C 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 #27381C looks like.

```
.text, #text, p{  
    color:#27381C  
}
```

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 #27381C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27381C
}
```

Border

The CSS property to change the border of an element to Hex 27381C 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".

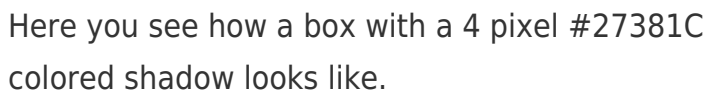
```
.border, #border, table{ border:4px solid
#27381C }
```

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

```
.border{ border-color:#27381C }
```

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

Here you see how a box with a 4 pixel #27381C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27381C; -webkit-box-shadow:4px 4px  
4px 4px #27381C; box-shadow:4px 4px 4px  
4px #27381C }
```

Background

The CSS property to change the background color of an element to Hex 27381C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27381C }
```

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

```
.background{ background-color:#27381C }
```

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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