

Converting Colors

Hex(21211B)

Have a look what the booklet for
Hex(21211B) contains.

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Color

Hex(21211B)

Conversions

Conversions Part 1

Format	Color
Hex	21211B
RGB	33, 33, 27
RGB Percent	13%, 13%, 11%
CMY	0.8706, 0.8706, 0.8941
CMYK	0.00, 0.00, 0.18, 0.87
HSL	60°, 10%, 12%
HSV	60°, 18%, 13%
XYZ	1.3689, 1.4902, 1.2524
YIQ	32.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

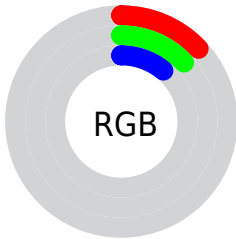
Format	Color
R_{YB}	27, 33, 27
Decimal	2171163
CIE Lab	12.55, -1.39, 4.07
CIE LCh	13, 4.301, 108.865
Yxy	1.4902, 0.3329, 0.3624
Android (android.graphics.Color)	4280361243 (0xFF21211B)
YUV	32.3160, -2.6208, 0.5999
Hunter-Lab	12.2073, -1.3463, 2.4623

Details

The Hex color **21211B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B1B21**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4D46**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212118**, and if you desaturate by 10%, it is **21211E**.

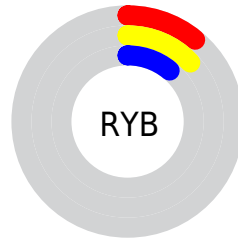
Distribution



Red (13%)

Green (13%)

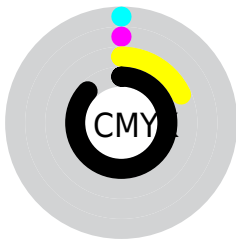
Blue (11%)



Red (11%)

Yellow (13%)

Blue (11%)

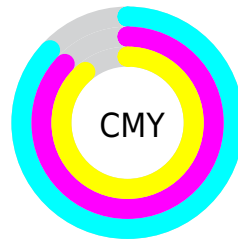


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21211B 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 21211B by changing the saturation by 10% instead.



21211B



21211B

FFFFFFE



0A0A00



4D4D46



000000



65655E



7E7E76



989890



B3B2AA



CECEC6



EAEAE2



21211B



21211B

■ 212118

■ 21211E

■ 212114

■ 212122

■ 212111

■ 212125

■ 21210E

■ 212128

■ 21210B

■ 21212C

■ 212107

■ 21212F

■ 212104

■ 212132

■ 212101

■ 212135

■ 212100

■ 212139

Harmonies

Analogous

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



24201B



21211B



1E221D

Triad

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



21211B



1A2225



261F22

Complementary

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



21211B



1B1B21

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.



231F25



21211B



1C2126

Square

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



21211B



192222



202026



271F1F

Rectangle

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



21211B



1C221E



202026



251F23

Sweetspot

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



21211B



2B2B29



211B1B



171716



969696



171717

Same Dimension

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



21211B



2B2B22



1E211B



0F0F0E



4F4F00



CFCF00

Inverse Universe

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



1B1B21



22222B



1E1B21



0E0E0F



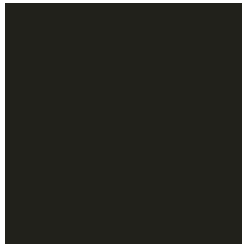
00004F



0000CF

Previews

White Background



This preview shows how the Hex color 21211B looks on a white background.

Color Contrast Check

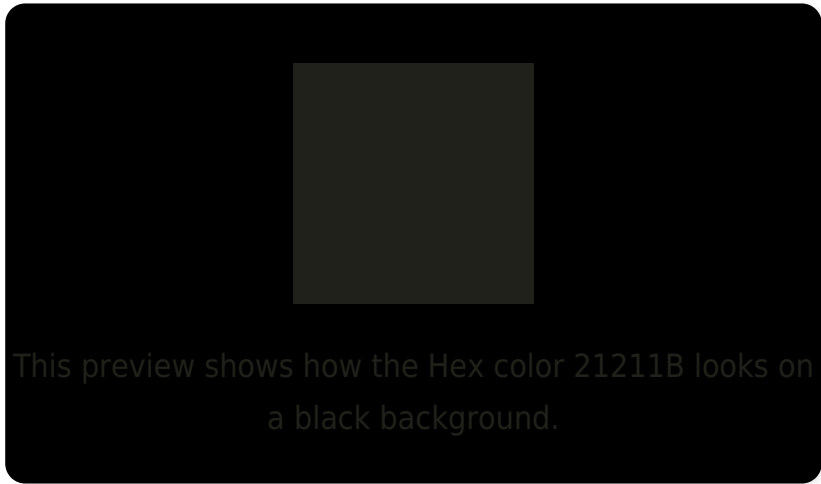
Large Text (above 18pt) WCAG AA ✓ Pass

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

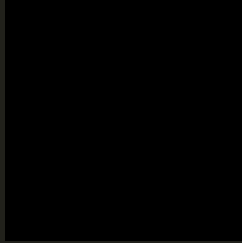
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

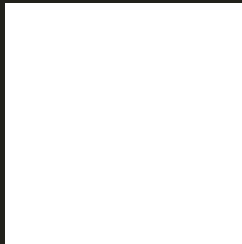
Any Text WCAG AAA × Fail

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

Hex 21211B Background



This preview shows how black text looks on a background with the Hex color 21211B.

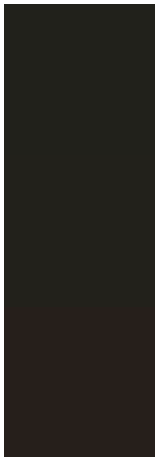


This preview shows how white text looks on a background with the Hex color 21211B.

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

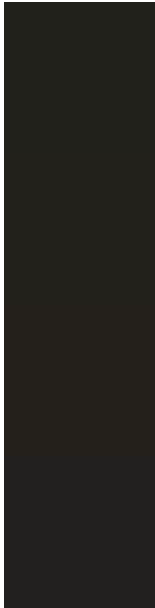


Original Color
21211B

Protanopia
22211B

Deuteranopia
261F1B

Trichromacy



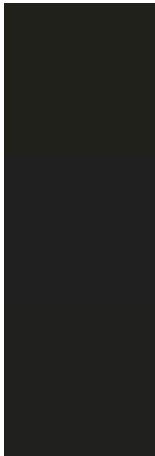
Original Color
21211B

Protanomaly
22211B

Deuteranomaly
24201B

Tritanomaly
22201F

Monochromacy



Original Color
21211B

Achromatopsia
202020

Achromatomaly
20201E

CSS Examples

Text

The CSS property to change the color of the text to Hex 21211B 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 #21211B looks like.

```
.text, #text, p{  
    color:#21211B  
}
```

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 #21211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21211B
}
```

Border

The CSS property to change the border of an element to Hex 21211B is called "border". The border property can be set on classes, ids or directly on the HTML element.

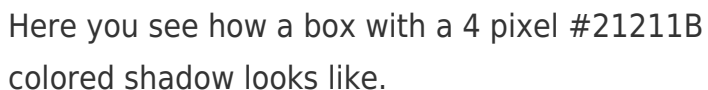
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21211B }
```

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

```
.border{ border-color:#21211B }
```

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



Here you see how a box with a 4 pixel #21211B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21211B; -webkit-box-shadow:4px 4px  
4px 4px #21211B; box-shadow:4px 4px 4px  
4px #21211B }
```

Background

The CSS property to change the background color of an element to Hex 21211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21211B }
```

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

```
.background{ background-color:#21211B }
```

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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