

Converting Colors

Hex(211E16)

Have a look what the booklet for
Hex(211E16) contains.

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Color

Hex(211E16)

Conversions

Conversions Part 1

Format	Color
Hex	211E16
RGB	33, 30, 22
RGB Percent	13%, 12%, 9%
CMY	0.8706, 0.8824, 0.9137
CMYK	0.00, 0.09, 0.33, 0.87
HSL	44°, 20%, 11%
HSV	44°, 33%, 13%
XYZ	1.2363, 1.3098, 0.9467
YIQ	29.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

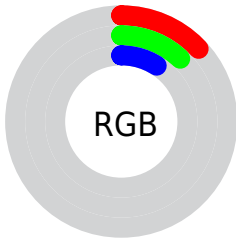
Format	Color
RYB	26, 33, 22
Decimal	2170390
CIELab	11.34, -0.27, 6.02
CIElCh	11, 6.023, 92.601
Yxy	1.3098, 0.3540, 0.3750
Android (android.graphics.Color)	4280360470 (0xFF211E16)
YUV	29.9850, -3.9366, 2.6442
Hunter-Lab	11.4447, -0.7460, 3.1068

Details

The Hex color **211E16** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **161921**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4D4A40**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211D13**, and if you desaturate by 10%, it is **211F19**.

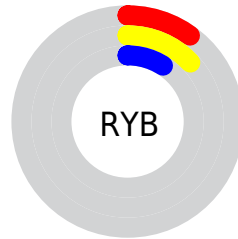
Distribution



Red (13%)

Green (12%)

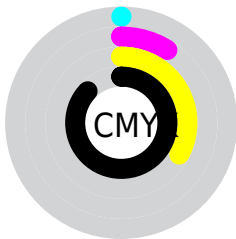
Blue (9%)



Red (10%)

Yellow (13%)

Blue (9%)

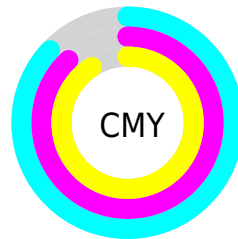


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211E16 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 211E16 by changing the saturation by 10% instead.

■ 211E16

■ 211E16

■ FFFFF7

■ 070500

■ 4D4A40

■ 000000

■ 656158

■ 7E7A70

■ 98948A

■ B3AEA4

■ CFCABF

■ EBE6DB

■ 211E16

■ 211E16

■ 211D13

■ 211F19

■ 211C0F

■ 21201D

■ 211B0C

■ 212120

■ 211A09

■ 212223

■ 211905

■ 212327

■ 211902

■ 21232A

■ 211800

■ 21242D

■ 212530

■ 212634

Harmonies

Analogous

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



251D17



211E16



1C1F17

Triad

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



211E16



132022



241C22

Complementary

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



211E16



161921

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.



1F1D25



211E16



152025

Square

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



211E16



14211E



1A1E26



261B1E

Rectangle

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



211E16



192019



1A1E26



231C23

Sweetspot

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



211E16



2B2A27



211619



171614



969696



171717

Same Dimension

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



211E16



2B271A



1F2116



0F0F0E



4F3900



CF9600

Inverse Universe

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



161921



1A1F2B



181621



0E0E0F



00164F



0038CF

Previews

White Background



This preview shows how the Hex color 211E16 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

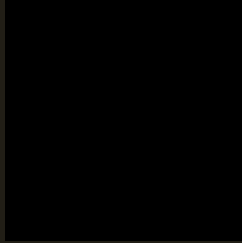
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

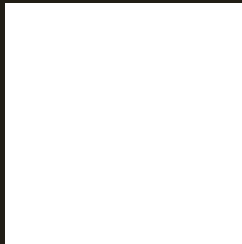
Any Text WCAG AAA × Fail

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

Hex 211E16 Background



This preview shows how black text looks on a background with the Hex color 211E16.



This preview shows how white text looks on a background with the Hex color 211E16.

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
211E16

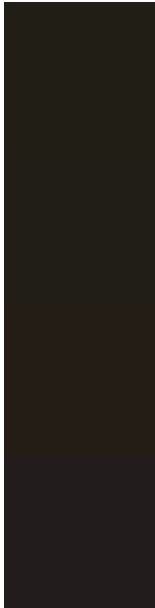
Protanopia
201E16

Deuteranopia
241D16



Tritanopia
221D1F

Trichromacy



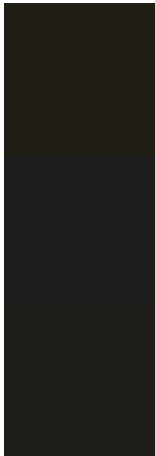
Original Color
211E16

Protanomaly
201E16

Deuteranomaly
231D16

Tritanomaly
221D1C

Monochromacy



Original Color
211E16

Achromatopsia
1E1E1E

Achromatomaly
1F1E1B

CSS Examples

Text

The CSS property to change the color of the text to Hex 211E16 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 #211E16 looks like.

```
.text, #text, p{  
    color:#211E16  
}
```

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 #211E16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211E16
}
```

Border

The CSS property to change the border of an element to Hex 211E16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

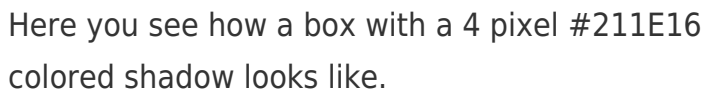
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211E16 }
```

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

```
.border{ border-color:#211E16 }
```

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



Here you see how a box with a 4 pixel #211E16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211E16; -webkit-box-shadow:4px 4px  
4px 4px #211E16; box-shadow:4px 4px 4px  
4px #211E16 }
```

Background

The CSS property to change the background color of an element to Hex 211E16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211E16 }
```

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

```
.background{ background-color:#211E16 }
```

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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