

Converting Colors

Hex(211B09)

Have a look what the booklet for
Hex(211B09) contains.

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Color

Hex(211B09)

Conversions

Conversions Part 1

Format	Color
Hex	211B09
RGB	33, 27, 9
RGB Percent	13%, 11%, 4%
CMY	0.8706, 0.8941, 0.9647
CMYK	0.00, 0.18, 0.73, 0.87
HSL	45°, 57%, 8%
HSV	45°, 73%, 13%
XYZ	1.0684, 1.1269, 0.4196
YIQ	26.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

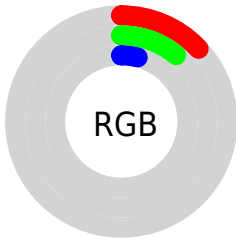
Format	Color
R_{YB}	17, 33, 9
Decimal	2169609
CIE Lab	10.01, -0.09, 11.25
CIE LCh	10, 11.251, 90.474
Yxy	1.1269, 0.4086, 0.4309
Android (android.graphics.Color)	4280359689 (0xFF211B09)
YUV	26.7420, -8.7468, 5.4883
Hunter-Lab	10.6157, -0.6118, 5.0872

Details

The Hex color **211B09** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **090F21**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **4D4635**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211A06**, and if you desaturate by 10%, it is **211C0C**.

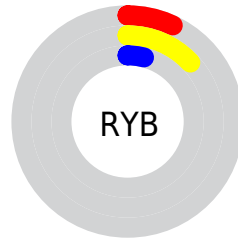
Distribution



Red (13%)

Green (11%)

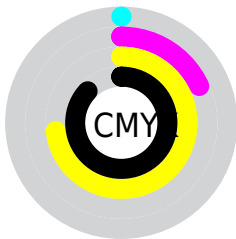
Blue (4%)



Red (7%)

Yellow (13%)

Blue (4%)

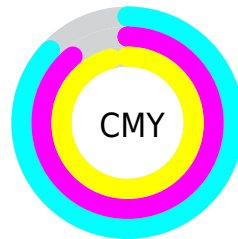


Cyan (0%)

Magenta (18%)

Yellow (73%)

Black (87%)



Cyan (87%)

Magenta (89%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211B09 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 211B09 by changing the saturation by 10% instead.

■ 211B09

■ 211B09

■ FFFEE9

■ 000000

■ 4D4635

■ 655E4C

■ 7F7664

■ 99907D

■ B3AA97

■ CFC6B2

■ EBE2CD

■ 211B09

■ 211B09

■ 211A06

■ 211C0C

■ 211902

■ 211D10

■ 211900

■ 211D13

■ 211E16

■ 211F1A

■ 21201D

■ 212120

■ 212223

■ 212227

Harmonies

Analogous

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



27180D



211B09



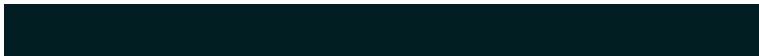
191D0C

Triad

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



211B09



011F23



251723

Complementary

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



211B09



090F21

Split Complementary

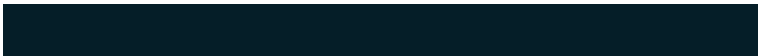
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1D1929



211B09



051E28

Square

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



211B09



06201B



111C2B



2A161C

Rectangle

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



211B09



131E11



111C2B



231825

Sweetspot

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



211B09



2B2922



21090F



171511



969696



171717

Same Dimension

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



211B09



2B2206



1B2109



0F0F0E



4F3B00



CF9B00

Inverse Universe

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



090F21



060F2B



0F0921



0E0E0F



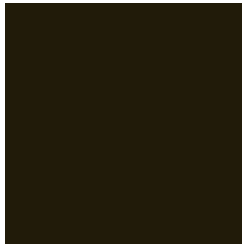
00144F



0034CF

Previews

White Background



This preview shows how the Hex color 211B09 looks on a white background.

Color Contrast Check

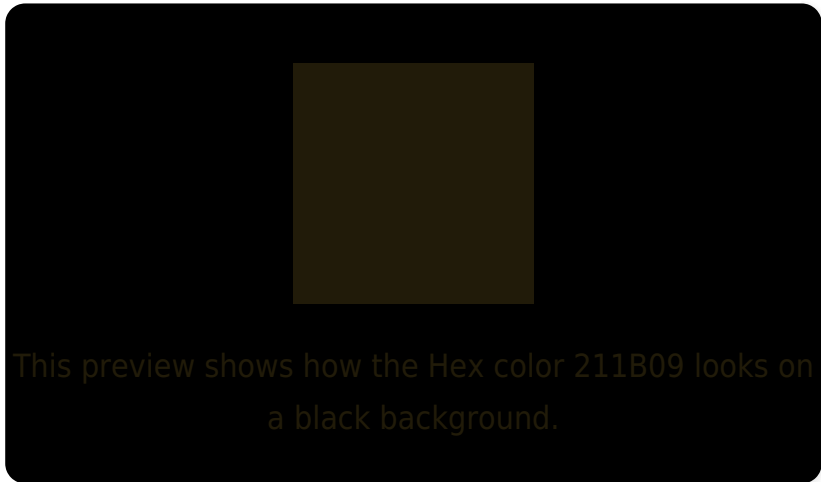
Large Text (above 18pt) WCAG AA ✓ Pass

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

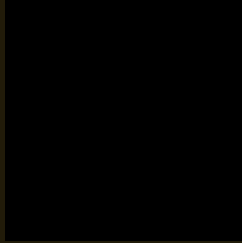
Any Text WCAG AA × Fail

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 211B09 Background



This preview shows how black text looks on a background with the Hex color 211B09.

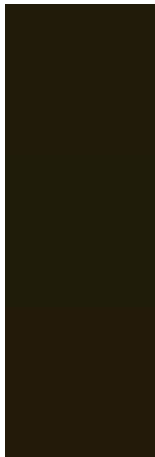


This preview shows how white text looks on a background with the Hex color 211B09.

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
211B09

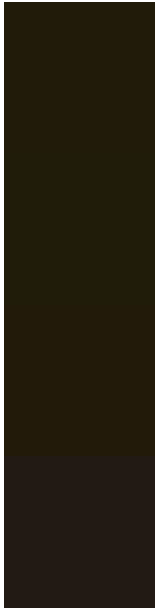
Protanopia
1F1C09

Deuteranopia
231A09



Tritanopia
22191B

Trichromacy



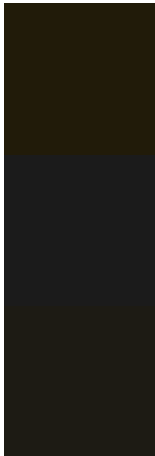
Original Color
211B09

Protanomaly
201C09

Deuteranomaly
221A09

Tritanomaly
221A14

Monochromacy



Original Color
211B09

Achromatopsia
1B1B1B

Achromatomaly
1D1B14

CSS Examples

Text

The CSS property to change the color of the text to Hex 211B09 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 #211B09 looks like.

```
.text, #text, p{  
    color:#211B09  
}
```

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 #211B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211B09
}
```

Border

The CSS property to change the border of an element to Hex 211B09 is called "border". The border property can be set on classes, ids or directly on the HTML element.

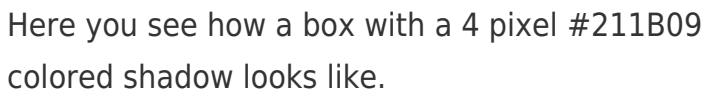
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211B09 }
```

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

```
.border{ border-color:#211B09 }
```

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



Here you see how a box with a 4 pixel #211B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211B09; -webkit-box-shadow:4px 4px  
4px 4px #211B09; box-shadow:4px 4px 4px  
4px #211B09 }
```

Background

The CSS property to change the background color of an element to Hex 211B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211B09 }
```

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

```
.background{ background-color:#211B09 }
```

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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