

Converting Colors

Hex(211F0A)

Have a look what the booklet for
Hex(211F0A) contains.

Hex(211F0A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(211F0A)

Conversions

Conversions Part 1

Format	Color
Hex	211F0A
RGB	33, 31, 10
RGB Percent	13%, 12%, 4%
CMY	0.8706, 0.8784, 0.9608
CMYK	0.00, 0.06, 0.70, 0.87
HSL	55°, 53%, 8%
HSV	55°, 70%, 13%
XYZ	1.1720, 1.3252, 0.4812
YIQ	29.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

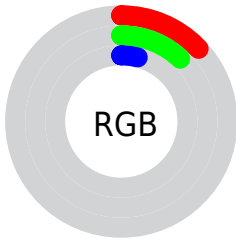
Format	Color
RYB	12, 33, 10
Decimal	2170634
CIELab	11.45, -2.81, 12.86
CIElCh	11, 13.163, 102.324
Yxy	1.3252, 0.3935, 0.4449
Android (android.graphics.Color)	4280360714 (0xFF211F0A)
YUV	29.2040, -9.4676, 3.3291
Hunter-Lab	11.5118, -1.9733, 5.5800

Details

The Hex color **211F0A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0A0C21**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **4D4B36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211F07**, and if you desaturate by 10%, it is **211F0D**.

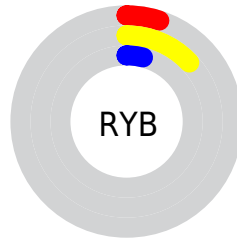
Distribution



Red (13%)

Green (12%)

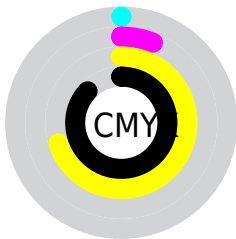
Blue (4%)



Red (5%)

Yellow (13%)

Blue (4%)

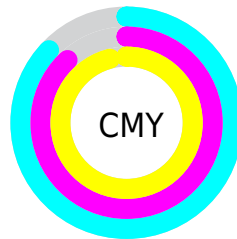


Cyan (0%)

Magenta (6%)

Yellow (70%)

Black (87%)



Cyan (87%)

Magenta (88%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211F0A 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 211F0A by changing the saturation by 10% instead.

■ 211F0A

■ 211F0A

■ FFFFEA

■ 010700

■ 4D4B36

■ 000000

■ 65624D

■ 7F7B65

■ 99957E

■ B4B098

■ CFCBB2

■ EBE7CE

■ 211F0A

■ 211F0A

■ 211F07

■ 211F0D

■ 211E03

■ 212011

■ 211E00

■ 212014

■ 212017

■ 21201B

■ 21211E

■ 212121

■ 212124

■ 212228

Harmonies

Analogous

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



291C0B



211F0A



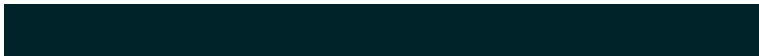
172110

Triad

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



211F0A



00232A



2C1824

Complementary

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



211F0A



0A0C21

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.



241B2C



211F0A



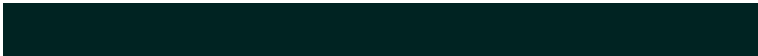
06212F

Square

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



211F0A



002322



171E30



30171B

Rectangle

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



211F0A



0F2216



171E30



2A1927

Sweetspot

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



211F0A



2B2B22



210A0C



171611



969696



171717

Same Dimension

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



211F0A



2B2807



18210A



0F0F0E



4F4800



CFBD00

Inverse Universe

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



0A0C21



070A2B



130A21



0E0E0F



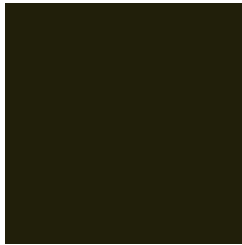
00074F



0012CF

Previews

White Background



This preview shows how the Hex color 211F0A looks on a white background.

Color Contrast Check

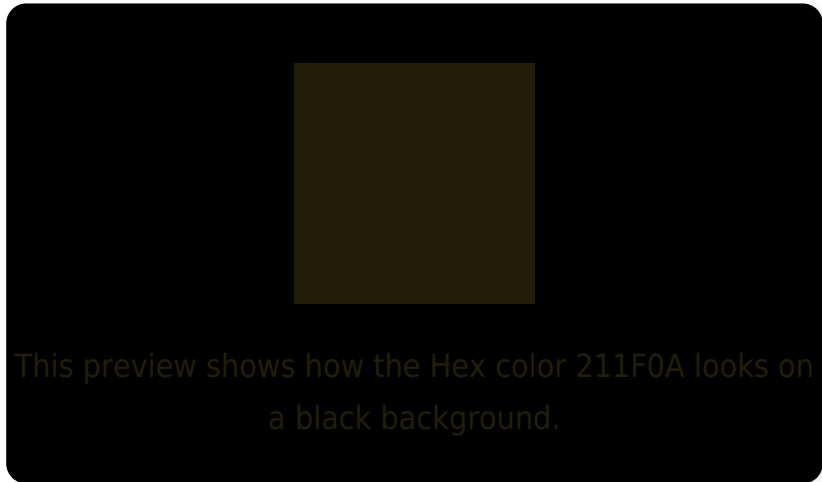
Large Text (above 18pt) WCAG AA ✓ Pass

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

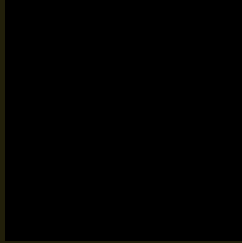
Any Text WCAG AA × Fail

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 211F0A Background



This preview shows how black text looks on a background with the Hex color 211F0A.

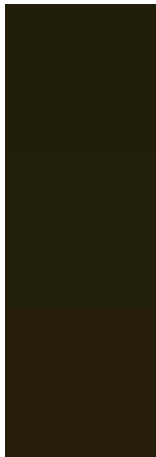


This preview shows how white text looks on a background with the Hex color 211F0A.

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
211F0A

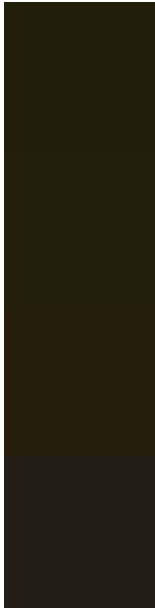
Protanopia
221F0A

Deuteranopia
261D0B



Tritanopia
231D1F

Trichromacy



Original Color

211F0A

Protanomaly

221F0A

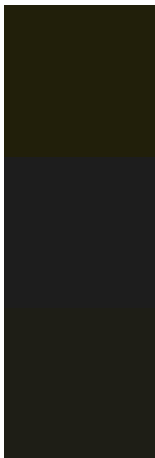
Deuteranomaly

241E0B

Tritanomaly

221E17

Monochromacy



Original Color

211F0A

Achromatopsia

1D1D1D

Achromatomaly

1E1E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 211F0A 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 #211F0A looks like.

```
.text, #text, p{  
    color:#211F0A  
}
```

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 #211F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211F0A
}
```

Border

The CSS property to change the border of an element to Hex 211F0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

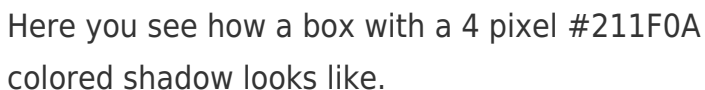
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211F0A }
```

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

```
.border{ border-color:#211F0A }
```

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



Here you see how a box with a 4 pixel #211F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211F0A; -webkit-box-shadow:4px 4px  
4px 4px #211F0A; box-shadow:4px 4px 4px  
4px #211F0A }
```

Background

The CSS property to change the background color of an element to Hex 211F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211F0A }
```

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

```
.background{ background-color:#211F0A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor