

Converting Colors

Hex(210F08)

Have a look what the booklet for
Hex(210F08) contains.

Hex(210F08)	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(210F08)

Conversions

Conversions Part 1

Format	Color
Hex	210F08
RGB	33, 15, 8
RGB Percent	13%, 6%, 3%
CMY	0.8706, 0.9412, 0.9686
CMYK	0.00, 0.55, 0.76, 0.87
HSL	17°, 61%, 8%
HSV	17°, 76%, 13%
XYZ	0.8419, 0.6825, 0.3171
YIQ	19.5840, 12.9750, 1.6390

Conversions

Conversions Part 2

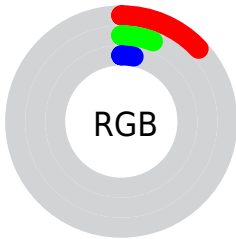
Format	Color
RYB	33, 18, 8
Decimal	2166536
CIELab	6.17, 7.91, 6.09
CIELCh	6, 9.987, 37.603
Yxy	0.6825, 0.4572, 0.3706
Android (android.graphics.Color)	4280356616 (0xFF210F08)
YUV	19.5840, -5.7109, 11.7658
Hunter-Lab	8.2614, 3.7319, 3.5073

Details

The Hex color **210F08** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **081A21**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4D3935**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210D05**, and if you desaturate by 10%, it is **21110B**.

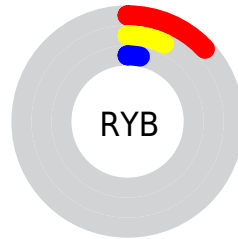
Distribution



Red (13%)

Green (6%)

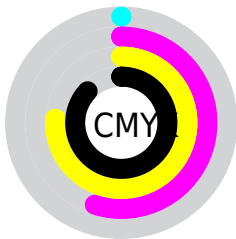
Blue (3%)



Red (13%)

Yellow (7%)

Blue (3%)

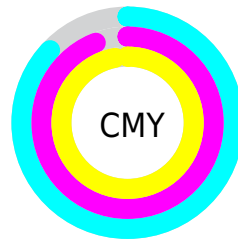


Cyan (0%)

Magenta (55%)

Yellow (76%)

Black (87%)



Cyan (87%)

Magenta (94%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210F08 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 210F08 by changing the saturation by 10% instead.

■ 210F08

■ 210F08

■ FFEED9

■ 000000

■ 4D3935

■ 65504C

■ 7F6963

■ 99827C

■ B49C96

■ CFB7B1

■ ECD2CC

■ 210F08

■ 210F08

■ 210D05

■ 21110B

■ 210A01

■ 21140F

■ 210900

■ 211612

■ 211915

■ 211B19

■ 211D1C

■ 21201F

■ 212222

■ 212426

Harmonies

Analogous

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



210E12



210F08



1E1100

Triad

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



210F08



03180D



0D1421

Complementary

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



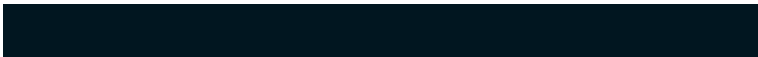
210F08



081A21

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.



011620



210F08



001815

Square

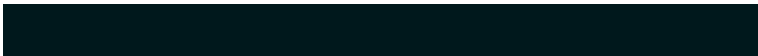
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210F08



0F1603



00181C



17111E

Rectangle

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



210F08



1A1300



00181C



091521

Sweetspot

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



210F08



2B2421



21081A



171211



969696



171717

Same Dimension

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



210F08



2B0F04



211B08



0F0E0E



4F1600



CF3A00

Inverse Universe

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



081A21



04202B



080E21



0E0F0F



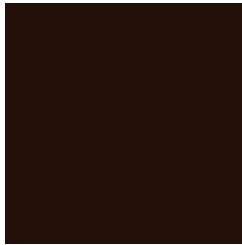
00394F



0095CF

Previews

White Background



This preview shows how the Hex color 210F08 looks on a white background.

Color Contrast Check

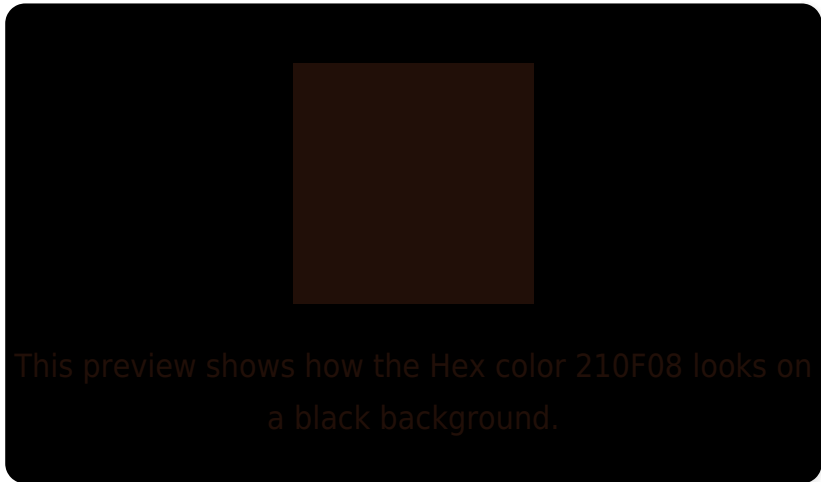
Large Text (above 18pt) WCAG AA ✓ Pass

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

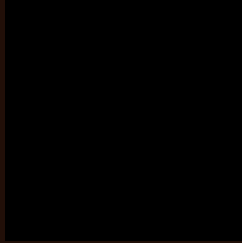
Any Text WCAG AA × Fail

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 210F08 Background



This preview shows how black text looks on a background with the Hex color 210F08.



This preview shows how white text looks on a background with the Hex color 210F08.

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
210F08

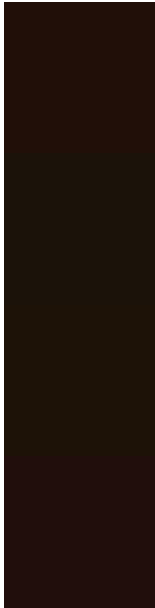
Protanopia
17140A

Deuteranopia
1A1307



Tritanopia
210E0F

Trichromacy



Original Color

210F08

Protanomaly

1B1209

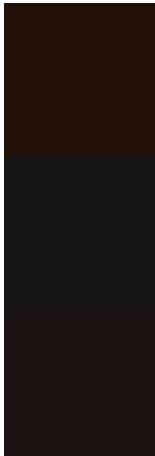
Deuteranomaly

1D1207

Tritanomaly

210E0C

Monochromacy



Original Color

210F08

Achromatopsia

141414

Achromatomaly

191210

CSS Examples

Text

The CSS property to change the color of the text to Hex 210F08 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 #210F08 looks like.

```
.text, #text, p{  
    color:#210F08  
}
```

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 #210F08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210F08
}
```

Border

The CSS property to change the border of an element to Hex 210F08 is called "border". The border property can be set on classes, ids or directly on the HTML element.

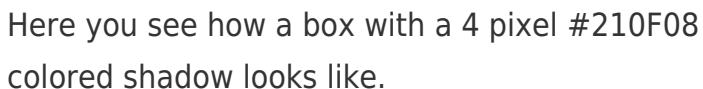
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210F08 }
```

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

```
.border{ border-color:#210F08 }
```

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



Here you see how a box with a 4 pixel #210F08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210F08; -webkit-box-shadow:4px 4px  
4px 4px #210F08; box-shadow:4px 4px 4px  
4px #210F08 }
```

Background

The CSS property to change the background color of an element to Hex 210F08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210F08 }
```

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

```
.background{ background-color:#210F08 }
```

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