

Converting Colors

Hex(211012)

Have a look what the booklet for
Hex(211012) contains.

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Color

Hex(211012)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 211012 |
| RGB | 33, 16, 18 |
| RGB Percent | 13%, 6%, 7% |
| CMY | 0.8706, 0.9373, 0.9294 |
| CMYK | 0.00, 0.52, 0.45, 0.87 |
| HSL | 353°, 35%, 10% |
| HSV | 353°, 52%, 13% |
| XYZ | 0.9217, 0.7376, 0.6661 |
| YIQ | 21.3110, 9.4900, 4.2260 |

Conversions

Conversions Part 2

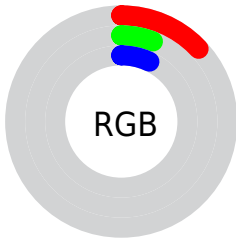
| Format | Color |
|-------------------------------------|--|
| RYB | 33, 16, 18 |
| Decimal | 2166802 |
| CIELab | 6.66, 8.94, 1.96 |
| CIELCh | 7, 9.152, 12.369 |
| Yxy | 0.7376, 0.3964, 0.3172 |
| Android (android.graphics.Color) | 4280356882 (0xFF211012) |
| YUV | 21.3110, -1.6323, 10.2513 |
| Hunter-Lab | 8.5883, 4.1266, 1.4136 |

Details

The Hex color **211012** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **10211F**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4E3A3C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210D0F**, and if you desaturate by 10%, it is **211315**.

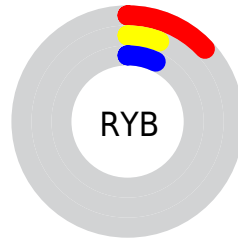
Distribution



Red (13%)

Green (6%)

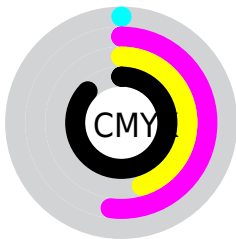
Blue (7%)



Red (13%)

Yellow (6%)

Blue (7%)

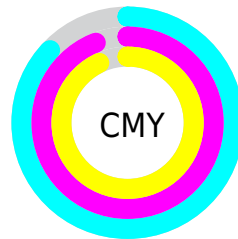


Cyan (0%)

Magenta (52%)

Yellow (45%)

Black (87%)



Cyan (87%)

Magenta (94%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211012 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 211012 by changing the saturation by 10% instead.

■ 211012

■ 211012

■ FFF0F2

■ 000000

■ 4E3A3C

■ 665153

■ 7F696C

■ 998385

■ B49D9F

■ D0B8BA

■ ECD3D6

■ 211012

■ 211012

■ 210D0F

■ 211315

■ 21090C

■ 211718

■ 210609

■ 211A1B

■ 210306

■ 211D1E

■ 210004

■ 212121

■ 212423

■ 212726

■ 212A29

■ 212E2C

Harmonies

Analogous

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



1F1019



211012



21110A

Triad

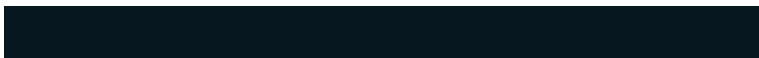
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211012



0F1708



061720

Complementary

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



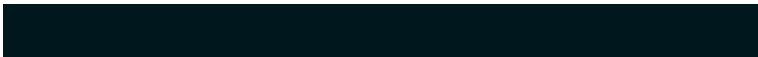
211012



10211F

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.



00181D



211012



051810

Square

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



211012



181502



001917



111421

Rectangle

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



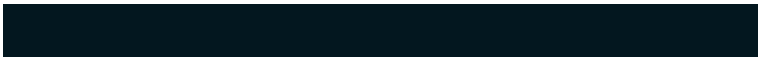
211012



1F1205



001917



03171F

Sweetspot

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



211012



2B2526



1F1021



171313



969696



171717

Same Dimension

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



211012



2B1014



211610



0F0E0E



4F0009



CF0018

Inverse Universe

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



211012



2B1014



101B21



0F0E0E



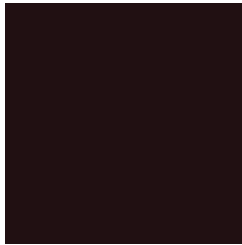
4F0009



CF0018

Previews

White Background



This preview shows how the Hex color 211012 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

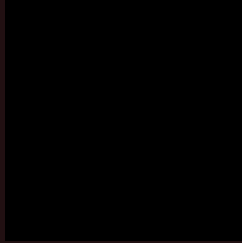
Any Text WCAG AA × Fail

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 211012 Background



This preview shows how black text looks on a background with the Hex color 211012.

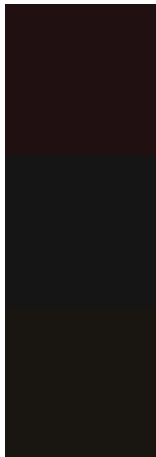


This preview shows how white text looks on a background with the Hex color 211012.

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
211012

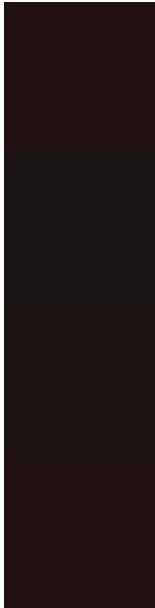
Protanopia
161515

Deuteranopia
191511



Tritanopia
211011

Trichromacy



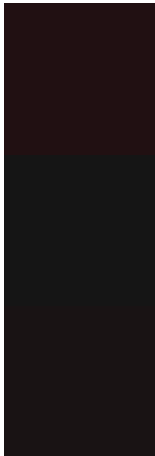
Original Color
211012

Protanomaly
1A1314

Deuteranomaly
1C1311

Tritanomaly
211011

Monochromacy



Original Color
211012

Achromatopsia
151515

Achromatomaly
191314

CSS Examples

Text

The CSS property to change the color of the text to Hex 211012 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 #211012 looks like.

```
.text, #text, p{  
    color:#211012  
}
```

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 #211012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211012
}
```

Border

The CSS property to change the border of an element to Hex 211012 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
#211012 }
```

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

```
.border{ border-color:#211012 }
```

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

Here you see how a box with a 4 pixel #211012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211012; -webkit-box-shadow:4px 4px  
4px 4px #211012; box-shadow:4px 4px 4px  
4px #211012 }
```

Background

The CSS property to change the background color of an element to Hex 211012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211012 }
```

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

```
.background{ background-color:#211012 }
```

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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