

Converting Colors

Hex(211202)

Have a look what the booklet for
Hex(211202) contains.

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Color

Hex(211202)

Conversions

Conversions Part 1

Format	Color
Hex	211202
RGB	33, 18, 2
RGB Percent	13%, 7%, 1%
CMY	0.8706, 0.9294, 0.9922
CMYK	0.00, 0.45, 0.94, 0.87
HSL	31°, 89%, 7%
HSV	31°, 94%, 13%
XYZ	0.8545, 0.7603, 0.1592
YIQ	20.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

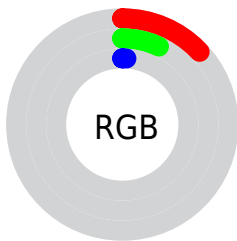
Format	Color
RYB	31, 33, 2
Decimal	2167298
CIELab	6.87, 5.40, 9.56
CIELCh	7, 10.982, 60.569
Yxy	0.7603, 0.4817, 0.4286
Android (android.graphics.Color)	4280357378 (0xFF211202)
YUV	20.6610, -9.1999, 10.8213
Hunter-Lab	8.7197, 2.2322, 5.0216

Details

The Hex color **211202** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **021121**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **4D3C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211100**, and if you desaturate by 10%, it is **211405**.

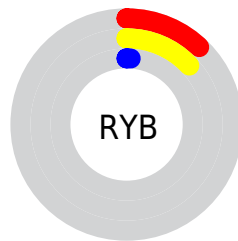
Distribution



Red (13%)

Green (7%)

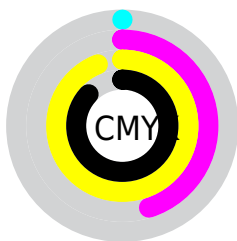
Blue (1%)



Red (12%)

Yellow (13%)

Blue (1%)

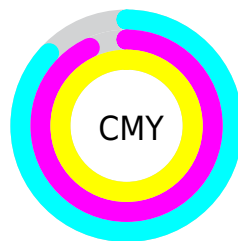


Cyan (0%)

Magenta (45%)

Yellow (94%)

Black (87%)



Cyan (87%)


Magenta (93%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211202 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 211202 by changing the saturation by 10% instead.

 211202

 211202

 FFF2E4

 000000

 4D3C31

 655348


 7E6C5F

 998578

 B39F92

 CFBAAC

 EBD5C8

 211202

 211202

■ 211100

■ 211405

■ 211509

■ 21170C

■ 21180F

■ 211A13

■ 211C16

■ 211D19

■ 211F1C

■ 212020

Harmonies

Analogous

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



23100C



211202



1C1500

Triad

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



211202



001A15



161322

Complementary

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



211202



021121

Split Complementary

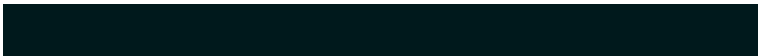
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0A1624



211202



00191C

Square

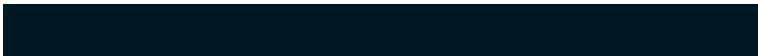
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211202



06190B



001822



1F111C

Rectangle

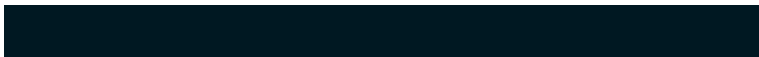
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211202



161600



001822



131423

Sweetspot

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



211202



2B251F



210212



17130F



969696



171717

Same Dimension

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



211202



2B1600



212102



0F0F0E



4F2900



CF6B00

Inverse Universe

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



021121



00152B



020221



0E0F0F



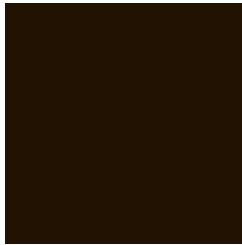
00264F



0064CF

Previews

White Background



This preview shows how the Hex color 211202 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

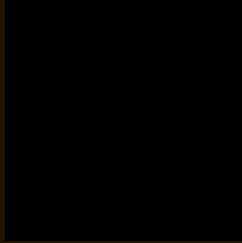
Any Text WCAG AA × Fail

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 211202 Background



This preview shows how black text looks on a background with the Hex color 211202.

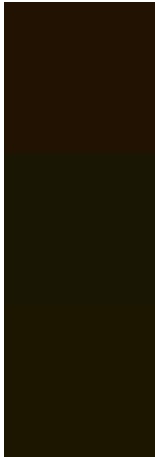


This preview shows how white text looks on a background with the Hex color 211202.

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
211202

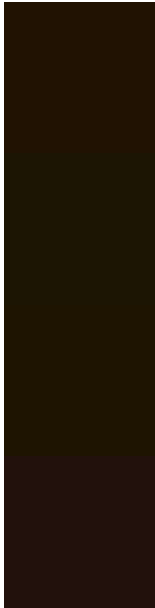
Protanopia
191603

Deuteranopia
1C1500



Tritanopia
221112

Trichromacy



Original Color
211202

Protanomaly
1C1503

Deuteranomaly
1E1401

Tritanomaly
22110C

Monochromacy



Original Color
211202

Achromatopsia
151515

Achromatomaly
19140E

CSS Examples

Text

The CSS property to change the color of the text to Hex 211202 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 #211202 looks like.

```
.text, #text, p{  
    color:#211202  
}
```

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 #211202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211202
}
```

Border

The CSS property to change the border of an element to Hex 211202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

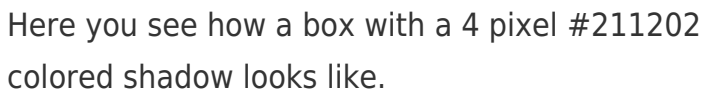
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211202 }
```

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

```
.border{ border-color:#211202 }
```

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



Here you see how a box with a 4 pixel #211202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211202; -webkit-box-shadow:4px 4px  
4px 4px #211202; box-shadow:4px 4px 4px  
4px #211202 }
```

Background

The CSS property to change the background color of an element to Hex 211202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211202 }
```

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

```
.background{ background-color:#211202 }
```

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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