

Converting Colors

Hex(211317)

Have a look what the booklet for
Hex(211317) contains.

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Color

Hex(211317)

Conversions

Conversions Part 1

Format	Color
Hex	211317
RGB	33, 19, 23
RGB Percent	13%, 7%, 9%
CMY	0.8706, 0.9255, 0.9098
CMYK	0.00, 0.42, 0.30, 0.87
HSL	343°, 27%, 10%
HSV	343°, 42%, 13%
XYZ	1.0147, 0.8509, 0.9214
YIQ	23.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

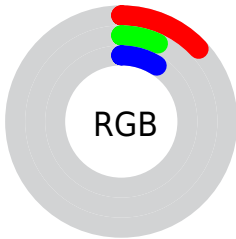
Format	Color
RYB	33, 19, 23
Decimal	2167575
CIELab	7.69, 8.00, 0.07
CIElCh	8, 8.000, 0.528
Yxy	0.8509, 0.3641, 0.3053
Android (android.graphics.Color)	4280357655 (0xFF211317)
YUV	23.6420, -0.3165, 8.2070
Hunter-Lab	9.2246, 3.4922, 0.5352

Details

The Hex color **211317** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **13211D**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4E3D41**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211015**, and if you desaturate by 10%, it is **211619**.

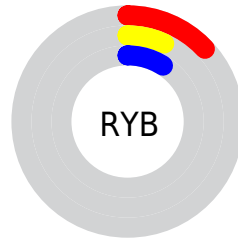
Distribution



Red (13%)

Green (7%)

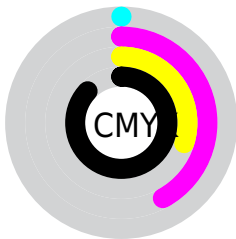
Blue (9%)



Red (13%)

Yellow (7%)

Blue (9%)

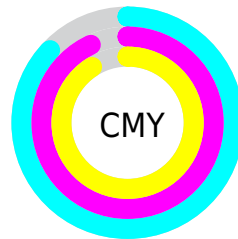


Cyan (0%)

Magenta (42%)

Yellow (30%)

Black (87%)



Cyan (87%)

Magenta (93%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211317 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 211317 by changing the saturation by 10% instead.

■ 211317

■ 211317

■ FFF3F8

■ 000000

■ 4E3D41

■ 665459

■ 7F6D71

■ 99868B

■ B4A0A5

■ CFBBC0

■ ECD7DC

■ 211317

■ 211317

■ 211015

■ 211619

■ 210C12

■ 211A1C

■ 210910

■ 211D1E

■ 21060E

■ 212020

■ 21020B

■ 212423

■ 210009

■ 212725

■ 212A28

■ 212D2A

■ 21312C

Harmonies

Analogous

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



1E141C



211317



221311

Triad

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



211317



15180B



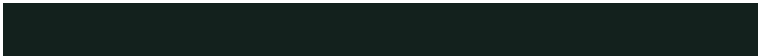
091920

Complementary

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



211317



13211D

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.



051A1C



211317



0E1A11

Square

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



211317



1B1709



071A17



101721

Rectangle

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



211317



20140D



071A17



07191F

Sweetspot

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



211317



2B2627



1D1321



171314



969696



171717

Same Dimension

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



211317



2B151C



211613



0F0E0E



4F0017



CF003B

Inverse Universe

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



211317



2B151C



131E21



0F0E0E



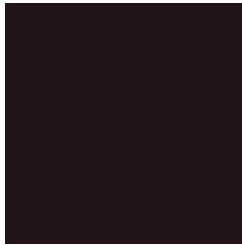
4F0017



CF003B

Previews

White Background



This preview shows how the Hex color 211317 looks on a white background.

Color Contrast Check

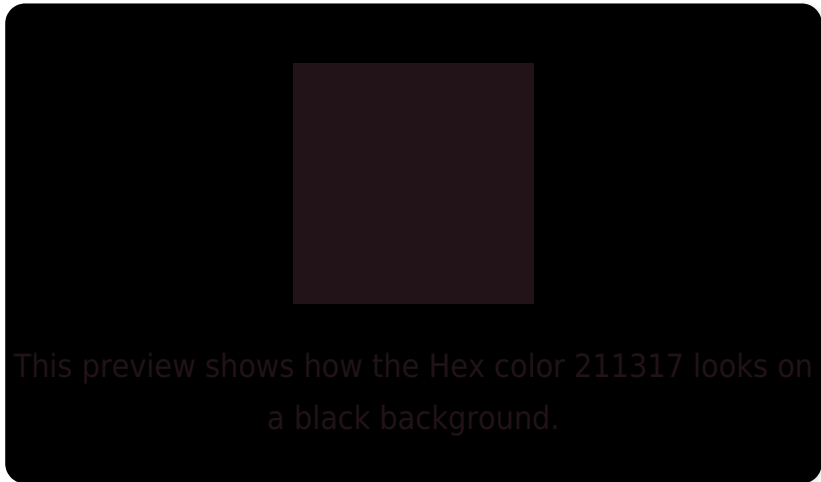
Large Text (above 18pt) WCAG AA ✓ Pass

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

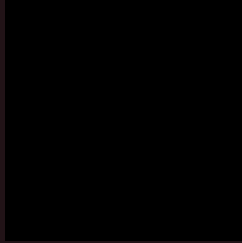
Any Text WCAG AA × Fail

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 211317 Background



This preview shows how black text looks on a background with the Hex color 211317.

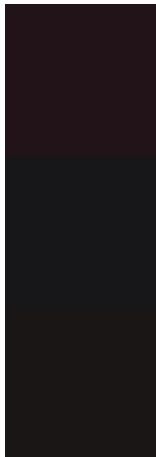


This preview shows how white text looks on a background with the Hex color 211317.

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
211317

Protanopia
171719

Deuteranopia
1A1616



Tritanopia
211315

Trichromacy



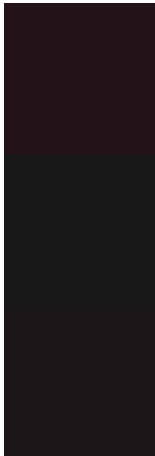
Original Color
211317

Protanomaly
1B1618

Deuteranomaly
1D1516

Tritanomaly
211316

Monochromacy



Original Color
211317

Achromatopsia
181818

Achromatomaly
1B1618

CSS Examples

Text

The CSS property to change the color of the text to Hex 211317 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 #211317 looks like.

```
.text, #text, p{  
    color:#211317  
}
```

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 #211317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211317
}
```

Border

The CSS property to change the border of an element to Hex 211317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

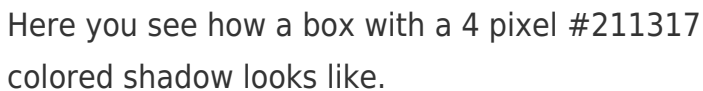
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211317 }
```

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

```
.border{ border-color:#211317 }
```

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



Here you see how a box with a 4 pixel #211317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211317; -webkit-box-shadow:4px 4px  
4px 4px #211317; box-shadow:4px 4px 4px  
4px #211317 }
```

Background

The CSS property to change the background color of an element to Hex 211317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211317 }
```

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

```
.background{ background-color:#211317 }
```

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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