

Converting Colors

Hex(211B22)

Have a look what the booklet for
Hex(211B22) contains.

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Color

Hex(211B22)

Conversions

Conversions Part 1

Format	Color
Hex	211B22
RGB	33, 27, 34
RGB Percent	13%, 11%, 13%
CMY	0.8706, 0.8941, 0.8667
CMYK	0.03, 0.21, 0.00, 0.87
HSL	291°, 11%, 12%
HSV	291°, 21%, 13%
XYZ	1.3079, 1.2227, 1.6804
YIQ	29.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

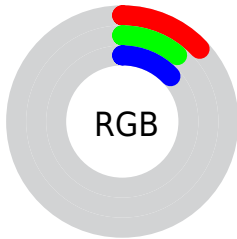
Format	Color
RYB	33, 27, 34
Decimal	2169634
CIELab	10.72, 4.63, -3.72
CIELCh	11, 5.936, 321.203
Yxy	1.2227, 0.3106, 0.2904
Android (android.graphics.Color)	4280359714 (0xFF211B22)
YUV	29.5920, 2.1731, 2.9888
Hunter-Lab	11.0575, 1.7619, -1.2702

Details

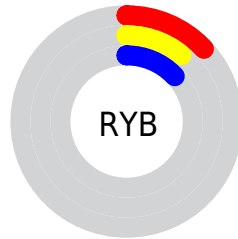
The Hex color **211B22** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1C221B**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4D464E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **211822**, and if you desaturate by 10%, it is **211E22**.

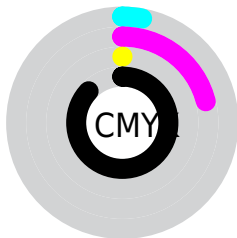
Distribution



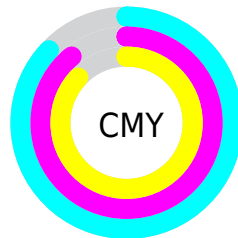
- Red (13%)
- Green (11%)
- Blue (13%)



- Red (13%)
- Yellow (11%)
- Blue (13%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (87%)



- Cyan (87%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211B22 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 211B22 by changing the saturation by 10% instead.

■ 211B22

■ 211B22

FFFEFF

■ 0A000C

■ 4D464E

■ 000000

■ 655E66

■ 7E767F

■ 989099

■ B3ABB4

■ CEC6CF

■ EAE2EC

■ 211B22

■ 211B22

■ 211822

■ 211E22

■ 201422

■ 222222

■ 201122

■ 222522

■ 1F0D22

■ 232922

■ 1F0A22

■ 232C22

■ 1E0722

■ 242F22

■ 1E0322

■ 243322

■ 1D0022

■ 253622

■ 253A22

Harmonies

Analogous

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



1C1C24



211B22



241A1E

Triad

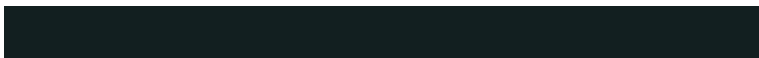
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



211B22



211C15



121F20

Complementary

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



211B22



1C221B

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.



141F1C



211B22



1D1E15

Square

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



211B22



241B17



181F18



131F23

Rectangle

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



211B22



251A1C



181F18



131F1E

Sweetspot

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



211B22



2B292B



1B1C22



171517



969696



171717

Same Dimension

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



211B22



2A212B



221B20



121012



460052



B300D1

Inverse Universe

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



221B1C



2B2122



1B221D



121010



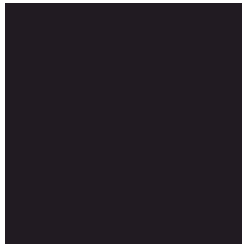
52000C



D1001E

Previews

White Background



This preview shows how the Hex color 211B22 looks on a white background.

Color Contrast Check

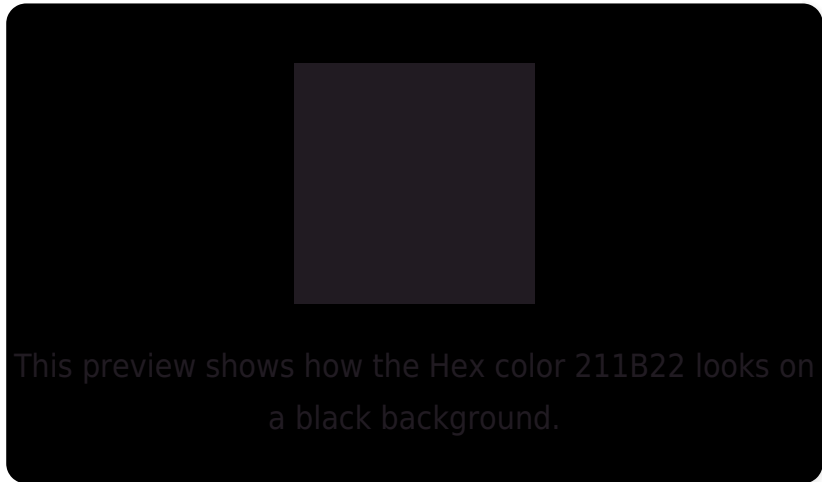
Large Text (above 18pt) WCAG AA ✓ Pass

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

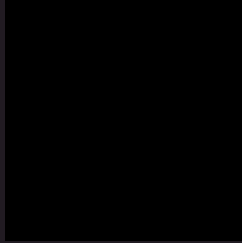
Any Text WCAG AA × Fail

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 211B22 Background



This preview shows how black text looks on a background with the Hex color 211B22.

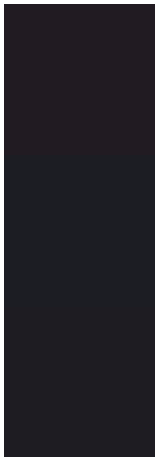


This preview shows how white text looks on a background with the Hex color 211B22.

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

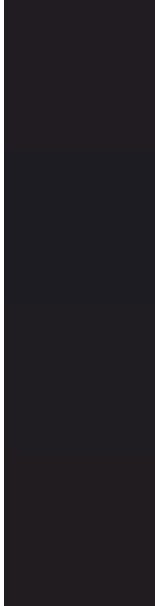


Original Color
211B22

Protanopia
1C1D23

Deuteranopia
1E1C22

Trichromacy



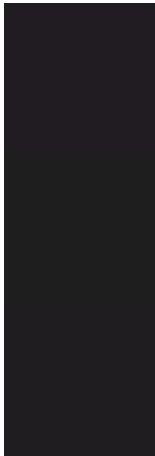
Original Color
211B22

Protanomaly
1E1C23

Deuteranomaly
1F1C22

Tritanomaly
201C1F

Monochromacy



Original Color
211B22

Achromatopsia
1E1E1E

Achromatomaly
1F1D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 211B22 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 #211B22 looks like.

```
.text, #text, p{  
    color:#211B22  
}
```

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 #211B22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211B22
}
```

Border

The CSS property to change the border of an element to Hex 211B22 is called "border". The border property can be set on classes, ids or directly on the HTML element.

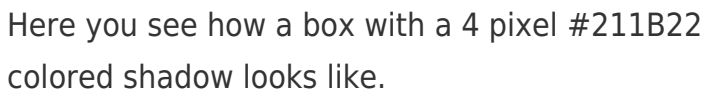
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#211B22 }
```

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

```
.border{ border-color:#211B22 }
```

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



Here you see how a box with a 4 pixel #211B22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211B22; -webkit-box-shadow:4px 4px  
4px 4px #211B22; box-shadow:4px 4px 4px  
4px #211B22 }
```

Background

The CSS property to change the background color of an element to Hex 211B22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211B22 }
```

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

```
.background{ background-color:#211B22 }
```

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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