

Converting Colors

Hex(212115)

Have a look what the booklet for
Hex(212115) contains.

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Color

Hex(212115)

Conversions

Conversions Part 1

Format	Color
Hex	212115
RGB	33, 33, 21
RGB Percent	13%, 13%, 8%
CMY	0.8706, 0.8706, 0.9176
CMYK	0.00, 0.00, 0.36, 0.87
HSL	60°, 22%, 11%
HSV	60°, 36%, 13%
XYZ	1.3064, 1.4652, 0.9234
YIQ	31.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

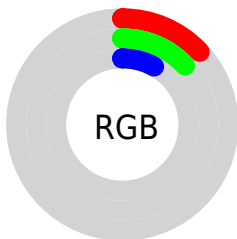
Format	Color
R_{YB}	21, 33, 21
Decimal	2171157
CIE Lab	12.39, -2.58, 8.15
CIE LCh	12, 8.544, 107.566
Yxy	1.4652, 0.3536, 0.3965
Android (android.graphics.Color)	4280361237 (0xFF212115)
YUV	31.6320, -5.2416, 1.1997
Hunter-Lab	12.1045, -1.9177, 3.9501

Details

The Hex color **212115** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **151521**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4D3F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212112**, and if you desaturate by 10%, it is **212118**.

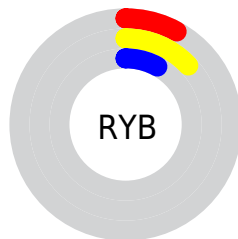
Distribution



Red (13%)

Green (13%)

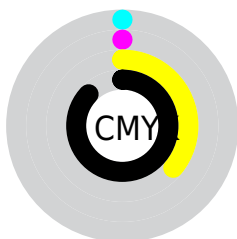
Blue (8%)



Red (8%)

Yellow (13%)

Blue (8%)

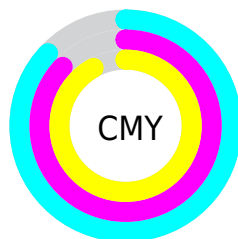


Cyan (0%)

Magenta (0%)

Yellow (36%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212115 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 212115 by changing the saturation by 10% instead.

■ 212115

■ 212115

■ FFFFF6

■ 070A00

■ 4D4D3F

■ 000000

■ 656557

■ 7E7E6F

■ 989888

■ B3B2A3

■ CFCEBE

■ EBEAD9

■ 212115

■ 212115

■ 212112

■ 212118

■ 21210E

■ 21211C

■ 21210B

■ 21211F

■ 212108

■ 212122

■ 212104

■ 212126

■ 212101

■ 212129

■ 212100

■ 21212C

■ 21212F

■ 212133

Harmonies

Analogous

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



271F15



212115



1A2318

Triad

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



212115



102329



2A1C23

Complementary

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



212115



151521

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.



251E28



212115



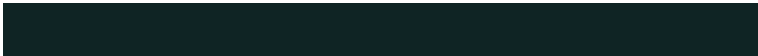
16222C

Square

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



212115



0F2424



1E202B



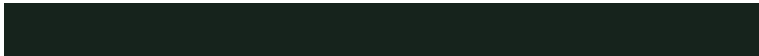
2C1C1D

Rectangle

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



212115



16231C



1E202B



291D25

Sweetspot

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



212115



2B2B27



211515



171714



969696



171717

Same Dimension

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



212115



2B2B18



1B2115



0F0F0E



4F4F00



CFCF00

Inverse Universe

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



151521



18182B



1B1521



0E0E0F



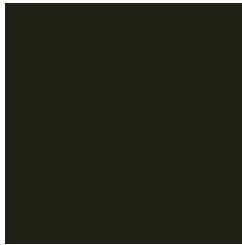
00004F



0000CF

Previews

White Background



This preview shows how the Hex color 212115 looks on a white background.

Color Contrast Check

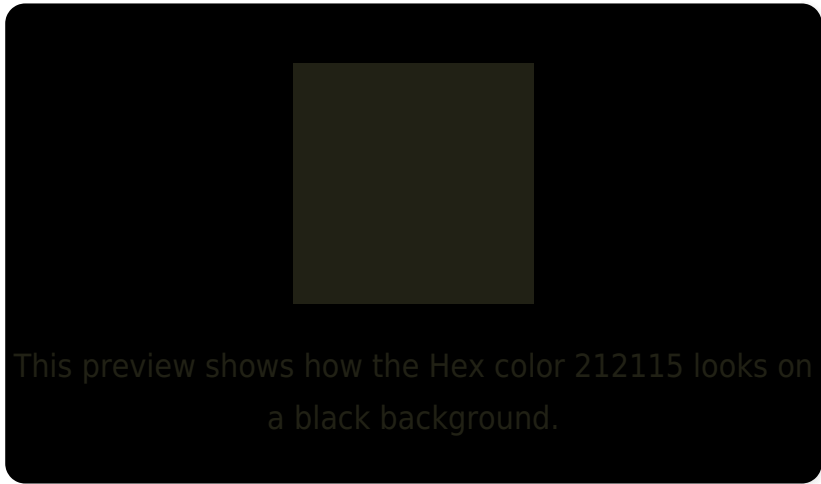
Large Text (above 18pt) WCAG AA ✓ Pass

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

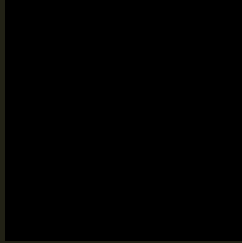
Any Text WCAG AA × Fail

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 212115 Background



This preview shows how black text looks on a background with the Hex color 212115.

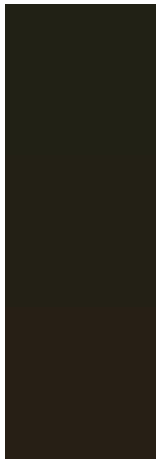


This preview shows how white text looks on a background with the Hex color 212115.

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
212115

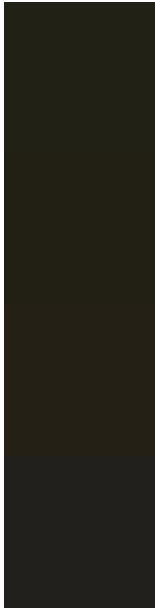
Protanopia
232015

Deuteranopia
271F15



Tritanopia
231F22

Trichromacy



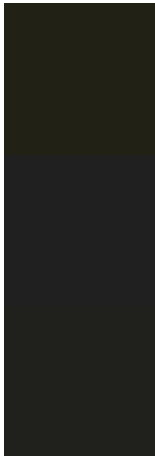
Original Color
212115

Protanomaly
222015

Deuteranomaly
252015

Tritanomaly
22201D

Monochromacy



Original Color
212115

Achromatopsia
202020

Achromatomaly
20201C

CSS Examples

Text

The CSS property to change the color of the text to Hex 212115 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 #212115 looks like.

```
.text, #text, p{  
  color:#212115  
}
```

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 #212115 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212115
}
```

Border

The CSS property to change the border of an element to Hex 212115 is called "border". The border property can be set on classes, ids or directly on the HTML element.

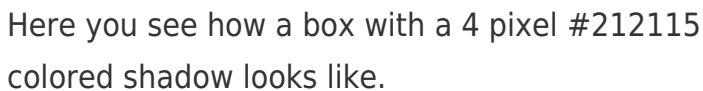
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212115 }
```

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

```
.border{ border-color:#212115 }
```

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



Here you see how a box with a 4 pixel #212115 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212115; -webkit-box-shadow:4px 4px  
4px 4px #212115; box-shadow:4px 4px 4px  
4px #212115 }
```

Background

The CSS property to change the background color of an element to Hex 212115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212115 }
```

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

```
.background{ background-color:#212115 }
```

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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