

Converting Colors

Hex(212214)

Have a look what the booklet for
Hex(212214) contains.

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Color

Hex(212214)

Conversions

Conversions Part 1

Format	Color
Hex	212214
RGB	33, 34, 20
RGB Percent	13%, 13%, 8%
CMY	0.8706, 0.8667, 0.9216
CMYK	0.03, 0.00, 0.41, 0.87
HSL	64°, 26%, 11%
HSV	64°, 41%, 13%
XYZ	1.3255, 1.5179, 0.8849
YIQ	32.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

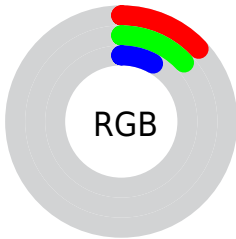
Format	Color
R_YB	20, 34, 21
Decimal	2171412
CIE Lab	12.72, -3.45, 9.28
CIE LCh	13, 9.896, 110.391
Yxy	1.5179, 0.3555, 0.4071
Android (android.graphics.Color)	4280361492 (0xFF212214)
YUV	32.1050, -5.9678, 0.7849
Hunter-Lab	12.3203, -2.3564, 4.3655

Details

The Hex color **212214** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **151422**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4D4E3E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **212211**, and if you desaturate by 10%, it is **212217**.

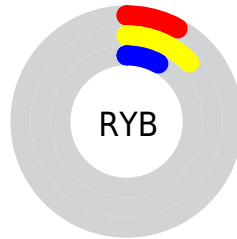
Distribution



Red (13%)

Green (13%)

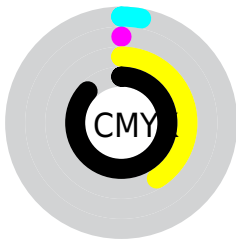
Blue (8%)



Red (8%)

Yellow (13%)

Blue (8%)

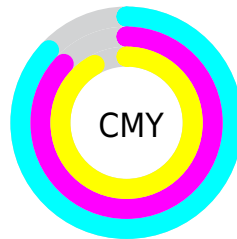


Cyan (3%)

Magenta (0%)

Yellow (41%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 212214 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 212214 by changing the saturation by 10% instead.

■ 212214

■ 212214

■ FFFFF5

■ 060C00

■ 4D4E3E

■ 000000

■ 656656

■ 7E7F6E

■ 989987

■ B3B4A1

■ CFCFBC

■ EBEBD8

■ 212214

■ 212214

■ 212211

■ 212217

■ 21220D

■ 21221B

■ 20220A

■ 22221E

■ 202206

■ 222222

■ 202203

■ 222225

■ 202200

■ 222228

■ 23222C

■ 23222F

■ 232233

Harmonies

Analogous

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



282013



212214



192418

Triad

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



212214



0D242B



2D1C23

Complementary

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



212214



151422

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.



281E2A



212214



15222E

Square

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



212214



0C2525



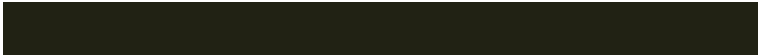
1F202E



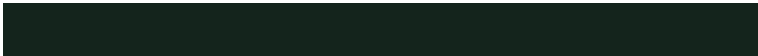
2F1C1D

Rectangle

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



212214



14241C



1F202E



2C1C26

Sweetspot

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



212214



2B2B26



221514



171714



969696



171717

Same Dimension

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



212214



2A2B16



1A2214



121210



4C5200



C2D100

Inverse Universe

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



151422



18162B



1C1422



101012



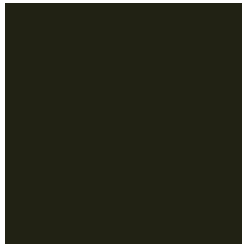
060052



0F00D1

Previews

White Background



This preview shows how the Hex color 212214 looks on a white background.

Color Contrast Check

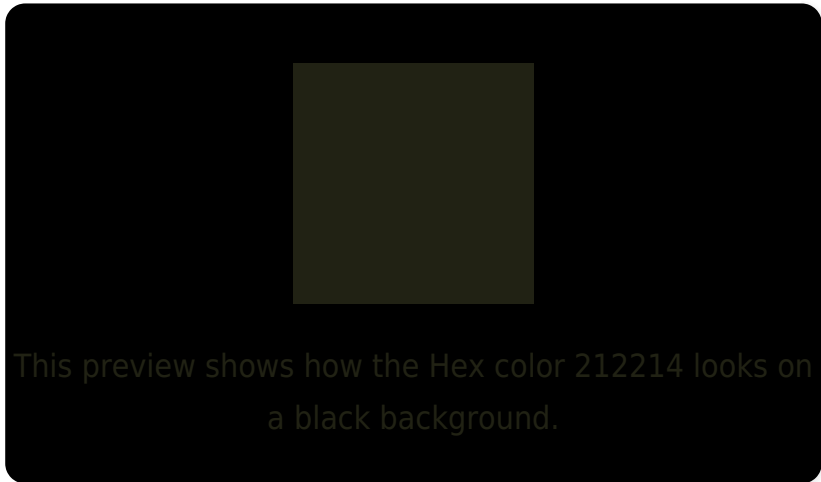
Large Text (above 18pt) WCAG AA ✓ Pass

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

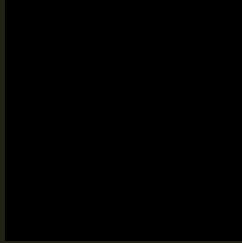
Any Text WCAG AA × Fail

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 212214 Background



This preview shows how black text looks on a background with the Hex color 212214.

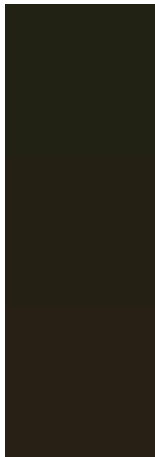


This preview shows how white text looks on a background with the Hex color 212214.

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
212214

Protanopia
242114

Deuteranopia
282015

Trichromacy



Original Color

212214

Protanomaly

232114

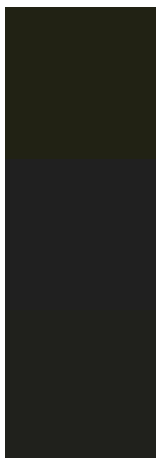
Deuteranomaly

252115

Tritanomaly

22211E

Monochromacy



Original Color

212214

Achromatopsia

202020

Achromatomaly

20211C

CSS Examples

Text

The CSS property to change the color of the text to Hex 212214 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 #212214 looks like.

```
.text, #text, p{  
    color:#212214  
}
```

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 #212214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #212214
}
```

Border

The CSS property to change the border of an element to Hex 212214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

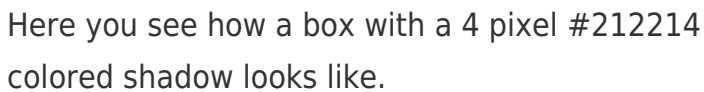
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#212214 }
```

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

```
.border{ border-color:#212214 }
```

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



Here you see how a box with a 4 pixel #212214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #212214; -webkit-box-shadow:4px 4px  
4px 4px #212214; box-shadow:4px 4px 4px  
4px #212214 }
```

Background

The CSS property to change the background color of an element to Hex 212214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#212214 }
```

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

```
.background{ background-color:#212214 }
```

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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