

Converting Colors

Hex(213210)

Have a look what the booklet for
Hex(213210) contains.

Hex(213210)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(213210)

Conversions

Conversions Part 1

Format	Color
Hex	213210
RGB	33, 50, 16
RGB Percent	13%, 20%, 6%
CMY	0.8706, 0.8039, 0.9373
CMYK	0.34, 0.00, 0.68, 0.80
HSL	90°, 52%, 13%
HSV	90°, 68%, 20%
XYZ	1.8613, 2.6419, 0.9021
YIQ	41.0410, 0.7820, -14.1780

Conversions

Conversions Part 2

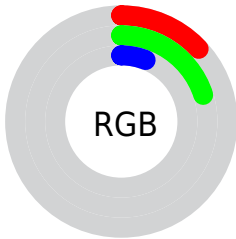
Format	Color
R_{YB}	16, 50, 33
Decimal	2175504
CIE Lab	18.55, -14.15, 19.08
CIE LCh	19, 23.750, 126.555
Yxy	2.6419, 0.3444, 0.4888
Android (android.graphics.Color)	4280365584 (0xFF213210)
YUV	41.0410, -12.3452, -7.0520
Hunter-Lab	16.2541, -8.0038, 8.0874

Details

The Hex color **213210** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **211032**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4F603B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F320B**, and if you desaturate by 10%, it is **243215**.

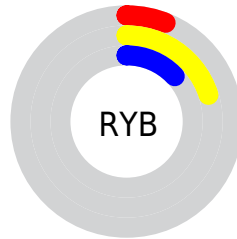
Distribution



Red (13%)

Green (20%)

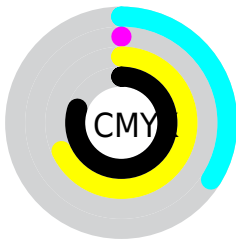
Blue (6%)



Red (6%)

Yellow (20%)

Blue (13%)

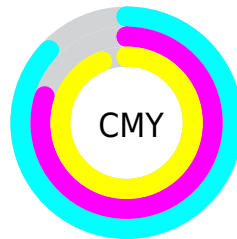


Cyan (34%)

Magenta (0%)

Yellow (68%)

Black (80%)



Cyan (87%)


Magenta (80%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 213210 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 213210 by changing the saturation by 10% instead.

 213210

 213210

 FFFFF2

 0B1D00

 4F603B

 000000

 677953

 80936B

 9BAE84

 B6C99F

 D1E5BA

 EEFFD5

 213210

 213210

■ 1F320B

■ 243215

■ 1C3206

■ 26321A

■ 1A3201

■ 29321F

■ 193200

■ 2B3224

■ 2E3229

■ 30322E

■ 333233

■ 353238

■ 38323D

Harmonies

Analogous

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



332D07



213210



05351F

Triad

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



213210



00334C



4D1E2A

Complementary

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



213210



211032

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.



45203B



213210



122E4F

Square

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



213210



003541



332749



4B211A

Rectangle

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



213210



00352B



332749



4B1E30

Sweetspot

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



213210



394033



322110



1D2119



A1A1A1



212121

Same Dimension

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



213210



26400B



103210



181A17



2D5900



6CD900

Inverse Universe

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



211032



260B40



321032



18171A



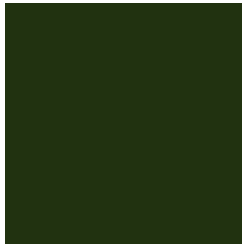
2D0059



6C00D9

Previews

White Background



This preview shows how the Hex color 213210 looks on a white background.

Color Contrast Check

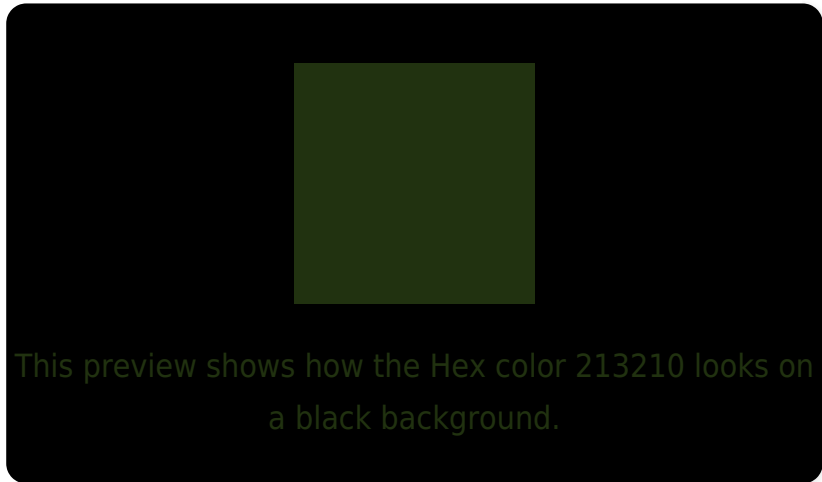
Large Text (above 18pt) WCAG AA ✓ Pass

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

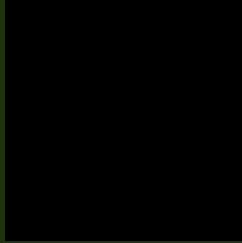
Any Text WCAG AA × Fail

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 213210 Background



This preview shows how black text looks on a background with the Hex color 213210.



This preview shows how white text looks on a background with the Hex color 213210.

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
213210

Protanopia
332D0F

Deuteranopia
382B12



Tritanopia
262F32

Trichromacy



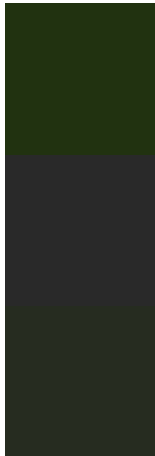
Original Color
213210

Protanomaly
2C2F0F

Deuteranomaly
302E11

Tritanomaly
243026

Monochromacy



Original Color
213210

Achromatopsia
292929

Achromatomaly
262C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 213210 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 #213210 looks like.

```
.text, #text, p{  
    color:#213210  
}
```

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 #213210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #213210
}
```

Border

The CSS property to change the border of an element to Hex 213210 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".

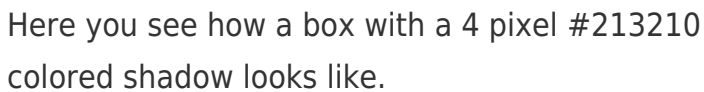
```
.border, #border, table{ border:4px solid
#213210 }
```

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

```
.border{ border-color:#213210 }
```

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

Here you see how a box with a 4 pixel #213210 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #213210; -webkit-box-shadow:4px 4px  
4px 4px #213210; box-shadow:4px 4px 4px  
4px #213210 }
```

Background

The CSS property to change the background color of an element to Hex 213210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#213210 }
```

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

```
.background{ background-color:#213210 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor