

Converting Colors

Hex(2C210D)

Have a look what the booklet for
Hex(2C210D) contains.

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Color

Hex(2C210D)

Conversions

Conversions Part 1

Format	Color
Hex	2C210D
RGB	44, 33, 13
RGB Percent	17%, 13%, 5%
CMY	0.8275, 0.8706, 0.9490
CMYK	0.00, 0.25, 0.70, 0.83
HSL	39°, 54%, 11%
HSV	39°, 70%, 17%
XYZ	1.6552, 1.6522, 0.6124
YIQ	34.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

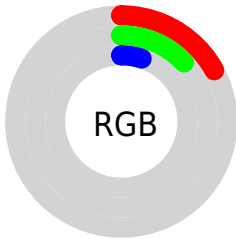
Format	Color
RYB	30, 44, 13
Decimal	2892045
CIELab	13.54, 2.25, 14.59
CIELCh	14, 14.766, 81.227
Yxy	1.6522, 0.4223, 0.4215
Android (android.graphics.Color)	4281082125 (0xFF2C210D)
YUV	34.0090, -10.3574, 8.7621
Hunter-Lab	12.8540, 0.4911, 6.1728

Details

The Hex color **2C210D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **0D182C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5B4D38**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C1F09**, and if you desaturate by 10%, it is **2C2311**.

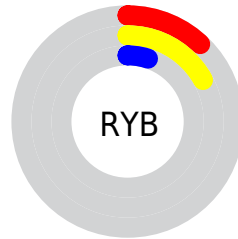
Distribution



 Red (17%)

 Green (13%)

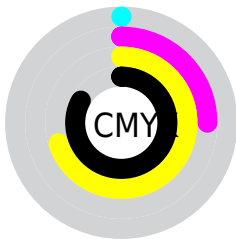
 Blue (5%)



 Red (12%)

 Yellow (17%)

 Blue (5%)

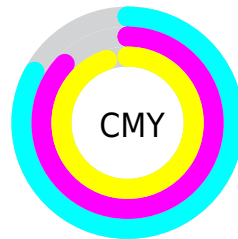


 Cyan (0%)

 Magenta (25%)

 Yellow (70%)

 Black (83%)



 Cyan (83%)

 Magenta (87%)

 Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C210D 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 2C210D by changing the saturation by 10% instead.

 2C210D

 2C210D

 FFFFED

 160B00

 5B4D38

 000000

 74654F

 8D7E67

 A89880

 C4B29A

 E0CEB5

 FCEAD1

 2C210D

 2C210D

■ 2C1F09

■ 2C2311

■ 2C1E04

■ 2C2416

■ 2C1C00

■ 2C261A

■ 2C271F

■ 2C2923

■ 2C2A27

■ 2C2C2C

■ 2C2D30

■ 2C2F35

Harmonies

Analogous

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



331D13



2C210D



22240E

Triad

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



2C210D



00282A



2D1D30

Complementary

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



2C210D



0D182C

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.



1F2136



2C210D



002732

Square

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



2C210D



07281F



0C2537



341B26

Rectangle

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



2C210D



1A2613



0C2537



291F32

Sweetspot

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



2C210D



38342C



2C0D18



1C1A15



9C9C9C



1C1C1C

Same Dimension

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



2C210D



382708



282C0D



171615



573800



D68A00

Inverse Universe

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



0D182C



081938



110D2C



151517



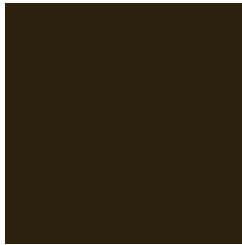
001F57



004CD6

Previews

White Background



This preview shows how the Hex color 2C210D looks on a white background.

Color Contrast Check

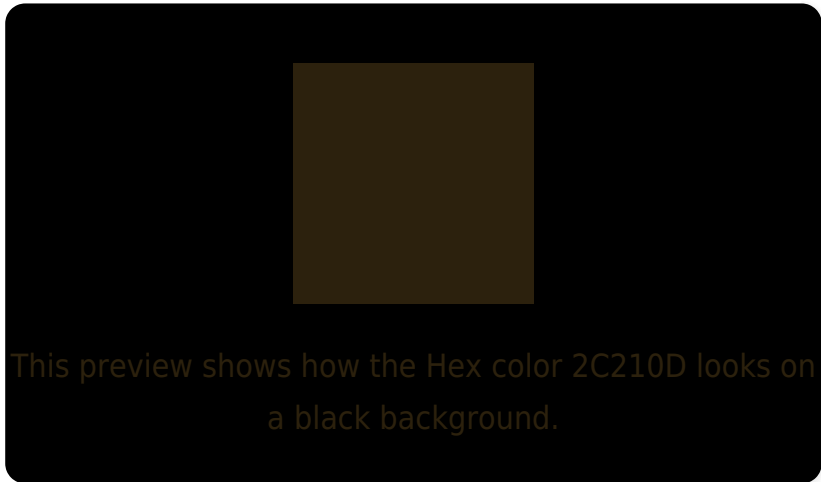
Large Text (above 18pt) WCAG AA ✓ Pass

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

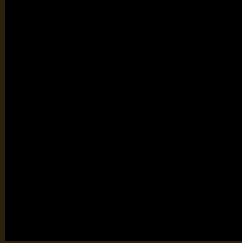
Any Text WCAG AA × Fail

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 2C210D Background



This preview shows how black text looks on a background with the Hex color 2C210D.

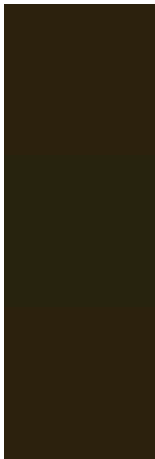


This preview shows how white text looks on a background with the Hex color 2C210D.

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
2C210D

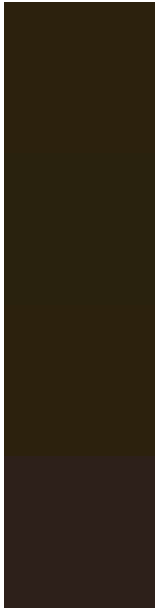
Protanopia
27230E

Deuteranopia
2C210D



Tritanopia
2D1F21

Trichromacy



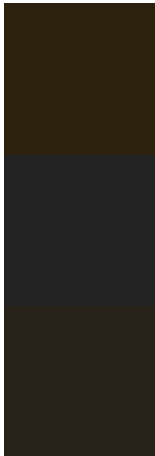
Original Color
2C210D

Protanomaly
29220E

Deuteranomaly
2C210D

Tritanomaly
2D201A

Monochromacy



Original Color
2C210D

Achromatopsia
222222

Achromatomaly
26221A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C210D 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 #2C210D looks like.

```
.text, #text, p{  
    color:#2C210D  
}
```

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 #2C210D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C210D
}
```

Border

The CSS property to change the border of an element to Hex 2C210D is called "border". The border property can be set on classes, ids or directly on the HTML element.

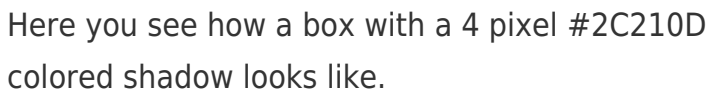
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C210D }
```

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

```
.border{ border-color:#2C210D }
```

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



Here you see how a box with a 4 pixel #2C210D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C210D; -webkit-box-shadow:4px 4px  
4px 4px #2C210D; box-shadow:4px 4px 4px  
4px #2C210D }
```

Background

The CSS property to change the background color of an element to Hex 2C210D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C210D }
```

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

```
.background{ background-color:#2C210D }
```

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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