

Converting Colors

Hex(210B0D)

Have a look what the booklet for
Hex(210B0D) contains.

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Color

Hex(210B0D)

Conversions

Conversions Part 1

Format	Color
Hex	210B0D
RGB	33, 11, 13
RGB Percent	13%, 4%, 5%
CMY	0.8706, 0.9569, 0.9490
CMYK	0.00, 0.67, 0.61, 0.87
HSL	355°, 50%, 9%
HSV	355°, 67%, 13%
XYZ	0.8195, 0.5917, 0.4518
YIQ	17.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

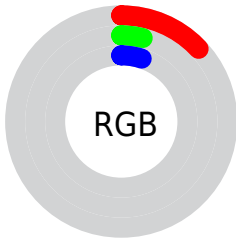
Format	Color
RYB	33, 11, 13
Decimal	2165517
CIELab	5.35, 10.53, 2.75
CIElCh	5, 10.885, 14.652
Yxy	0.5917, 0.4399, 0.3176
Android (android.graphics.Color)	4280355597 (0xFF210B0D)
YUV	17.8060, -2.3694, 13.3251
Hunter-Lab	7.6924, 5.5548, 1.9025

Details

The Hex color **210B0D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B211F**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4D3638**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **21080A**, and if you desaturate by 10%, it is **210E10**.

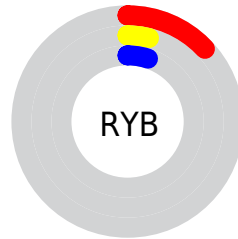
Distribution



Red (13%)

Green (4%)

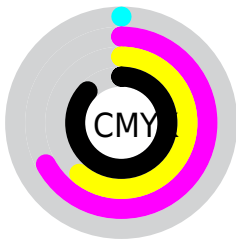
Blue (5%)



Red (13%)

Yellow (4%)

Blue (5%)

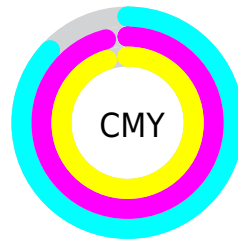


Cyan (0%)

Magenta (67%)

Yellow (61%)

Black (87%)



Cyan (87%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210B0D 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 210B0D by changing the saturation by 10% instead.

 210B0D

 210B0D

 FFEBED

 000000

 4D3638

 654D4F

 7F6567

 997E80

 B4989A

 CFB3B5

 ECCED0

 210B0D

 210B0D

■ 21080A

■ 210E10

■ 210407

■ 211213

■ 210104

■ 211516

■ 210003

■ 211819

■ 211C1C

■ 211F1F

■ 212222

■ 212525

■ 212928

Harmonies

Analogous

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



1E0C16



210B0D



200D01

Triad

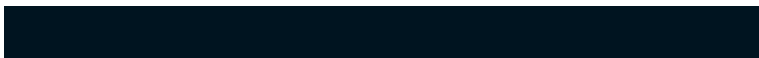
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210B0D



081500



001420

Complementary

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



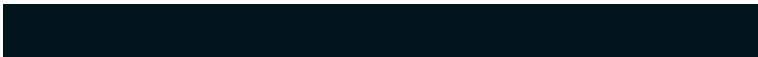
210B0D



0B211F

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.



00161C



210B0D



00170C

Square

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



210B0D



141300



001716



0D1120

Rectangle

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



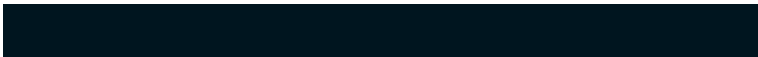
210B0D



1E0E00



001716



00151F

Sweetspot

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



210B0D



2B2323



1F0B21



171112



969696



171717

Same Dimension

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



210B0D



2B090C



21140B



0F0E0E



4F0007



CF0013

Inverse Universe

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



210B0D



2B090C



0B1821



0F0E0E



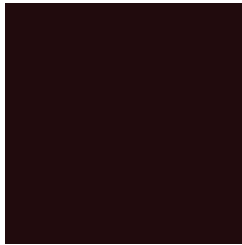
4F0007



CF0013

Previews

White Background



This preview shows how the Hex color 210B0D looks on a white background.

Color Contrast Check

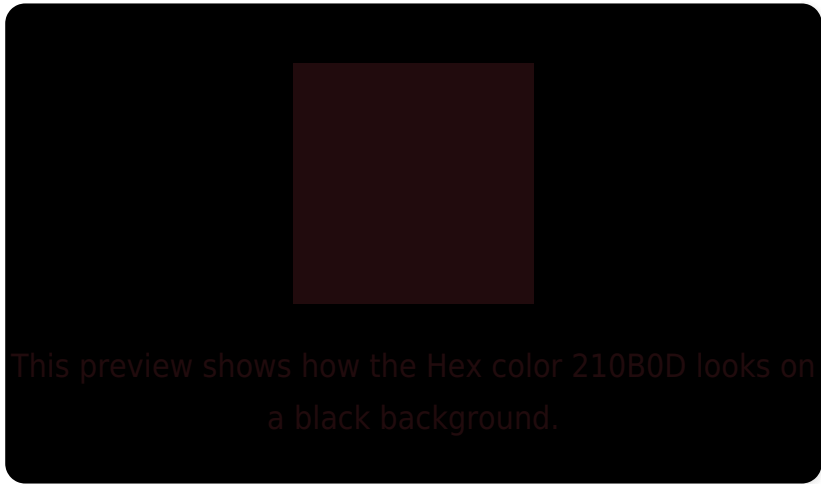
Large Text (above 18pt) WCAG AA ✓ Pass

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

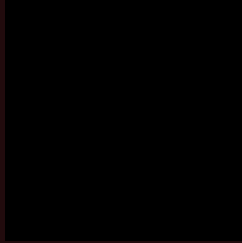
Any Text WCAG AA × Fail

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 210B0D Background



This preview shows how black text looks on a background with the Hex color 210B0D.

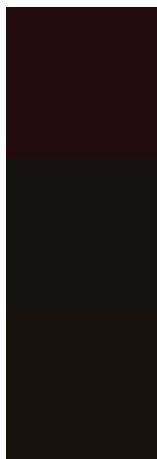


This preview shows how white text looks on a background with the Hex color 210B0D.

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

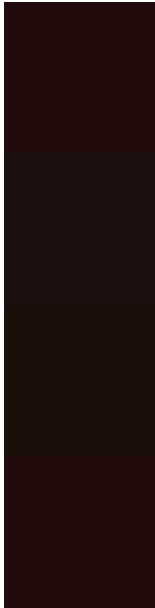


Original Color
210B0D

Protanopia
141310

Deuteranopia
17120C

Trichromacy



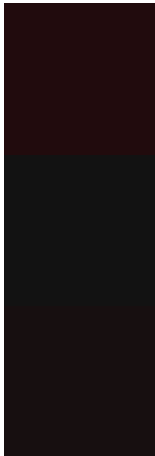
Original Color
210B0D

Protanomaly
19100F

Deuteranomaly
1B0F0C

Tritanomaly
210B0C

Monochromacy



Original Color
210B0D

Achromatopsia
121212

Achromatomaly
170F10

CSS Examples

Text

The CSS property to change the color of the text to Hex 210B0D 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 #210B0D looks like.

```
.text, #text, p{  
    color:#210B0D  
}
```

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 #210B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210B0D
}
```

Border

The CSS property to change the border of an element to Hex 210B0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

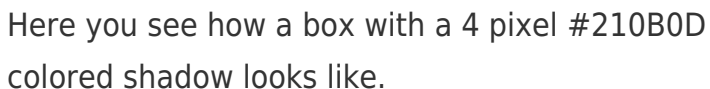
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210B0D }
```

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

```
.border{ border-color:#210B0D }
```

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



Here you see how a box with a 4 pixel #210B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210B0D; -webkit-box-shadow:4px 4px  
4px 4px #210B0D; box-shadow:4px 4px 4px  
4px #210B0D }
```

Background

The CSS property to change the background color of an element to Hex 210B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210B0D }
```

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

```
.background{ background-color:#210B0D }
```

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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