

Converting Colors

Hex(210C18)

Have a look what the booklet for
Hex(210C18) contains.

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Color

Hex(210C18)

Conversions

Conversions Part 1

Format	Color
Hex	210C18
RGB	33, 12, 24
RGB Percent	13%, 5%, 9%
CMY	0.8706, 0.9529, 0.9059
CMYK	0.00, 0.64, 0.27, 0.87
HSL	326°, 47%, 9%
HSV	326°, 64%, 13%
XYZ	0.9235, 0.6522, 0.9414
YIQ	19.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

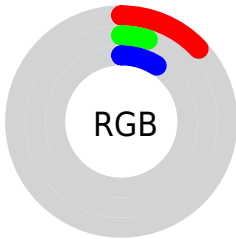
Format	Color
R_{YB}	33, 12, 24
Decimal	2165784
CIE Lab	5.89, 12.33, -3.31
CIE LCh	6, 12.770, 344.991
Yxy	0.6522, 0.3669, 0.2591
Android (android.graphics.Color)	4280355864 (0xFF210C18)
YUV	19.6470, 2.1460, 11.7106
Hunter-Lab	8.0760, 6.2794, -1.2578

Details

The Hex color **210C18** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0C2115**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **4E3743**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210917**, and if you desaturate by 10%, it is **210F19**.

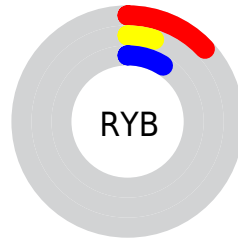
Distribution



Red (13%)

Green (5%)

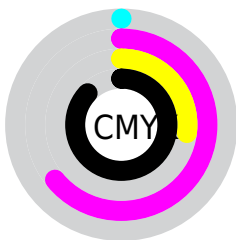
Blue (9%)



Red (13%)

Yellow (5%)

Blue (9%)

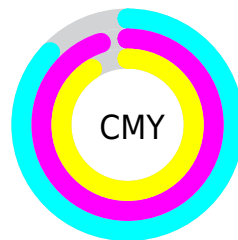


Cyan (0%)

Magenta (64%)

Yellow (27%)

Black (87%)



Cyan (87%)

Magenta (95%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210C18 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 210C18 by changing the saturation by 10% instead.

 210C18

 210C18

 FFEBFA

 000000

 4E3743

 664E5A

 7F6672

 997F8C

 B499A6

 D0B4C1

 ECCFDD

 210C18

 210C18

■ 210917

■ 210F19

■ 210515

■ 21131B

■ 210214

■ 21161C

■ 210013

■ 21191E

■ 211D1F

■ 212020

■ 212322

■ 212623

■ 212A25

Harmonies

Analogous

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



1A0F1F



210C18



240B0E

Triad

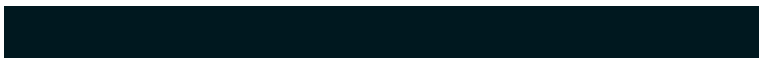
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210C18



151400



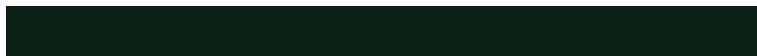
00181F

Complementary

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



210C18



0C2115

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.



001917



210C18



081700

Square

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



210C18



1E1100



00180D



001523

Rectangle

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



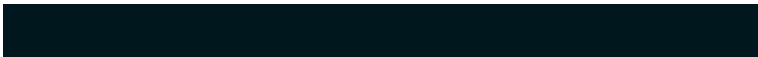
210C18



240C04



00180D



00181D

Sweetspot

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



210C18



2B2328



150C21



171215



969696



171717

Same Dimension

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



210C18



2B0A1D



210C0E



0F0E0F



4F002D



CF0076

Inverse Universe

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



210C18



2B0A1D



0C211F



0F0E0F



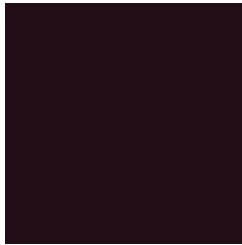
4F002D



CF0076

Previews

White Background



This preview shows how the Hex color 210C18 looks on a white background.

Color Contrast Check

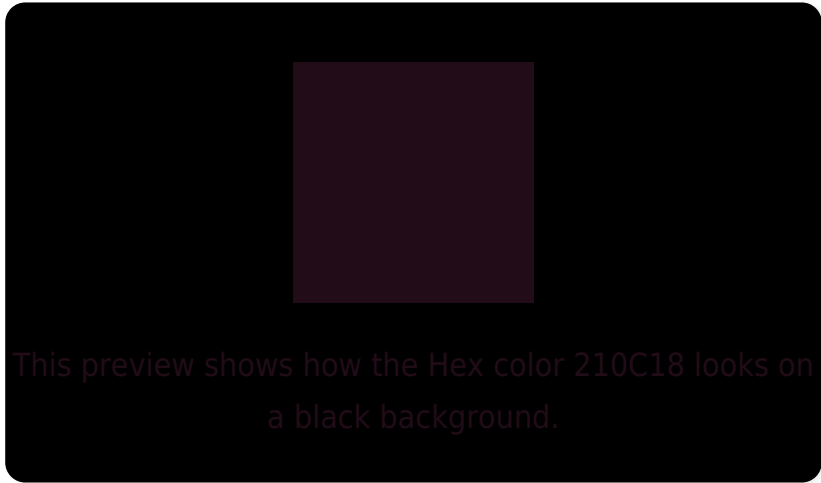
Large Text (above 18pt) WCAG AA ✓ Pass

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

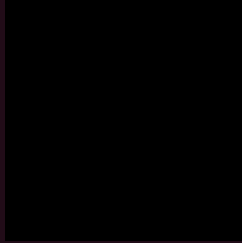
Any Text WCAG AA × Fail

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 210C18 Background



This preview shows how black text looks on a background with the Hex color 210C18.



This preview shows how white text looks on a background with the Hex color 210C18.

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
210C18

Protanopia
11141E

Deuteranopia
151417

Trichromacy



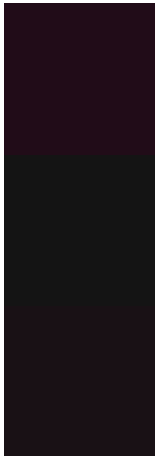
Original Color
210C18

Protanomaly
17111C

Deuteranomaly
191117

Tritanomaly
200D12

Monochromacy



Original Color
210C18

Achromatopsia
141414

Achromatomaly
191115

CSS Examples

Text

The CSS property to change the color of the text to Hex 210C18 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 #210C18 looks like.

```
.text, #text, p{  
    color:#210C18  
}
```

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 #210C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210C18
}
```

Border

The CSS property to change the border of an element to Hex 210C18 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
#210C18 }
```

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

```
.border{ border-color:#210C18 }
```

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

Here you see how a box with a 4 pixel #210C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210C18; -webkit-box-shadow:4px 4px  
4px 4px #210C18; box-shadow:4px 4px 4px  
4px #210C18 }
```

Background

The CSS property to change the background color of an element to Hex 210C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210C18 }
```

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

```
.background{ background-color:#210C18 }
```

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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