

Converting Colors

Hex(210F05)

Have a look what the booklet for
Hex(210F05) contains.

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Color

Hex(210F05)

Conversions

Conversions Part 1

Format	Color
Hex	210F05
RGB	33, 15, 5
RGB Percent	13%, 6%, 2%
CMY	0.8706, 0.9412, 0.9804
CMYK	0.00, 0.55, 0.85, 0.87
HSL	21°, 74%, 7%
HSV	21°, 85%, 13%
XYZ	0.8254, 0.6759, 0.2305
YIQ	19.2420, 13.9380, 0.7060

Conversions

Conversions Part 2

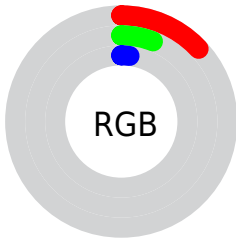
Format	Color
R_{YB}	33, 21, 5
Decimal	2166533
CIE Lab	6.11, 7.49, 7.23
CIE LCh	6, 10.413, 43.968
Yxy	0.6759, 0.4766, 0.3903
Android (android.graphics.Color)	4280356613 (0xFF210F05)
YUV	19.2420, -7.0213, 12.0658
Hunter-Lab	8.2215, 3.5331, 4.0925

Details

The Hex color **210F05** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **051721**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **4D3933**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **210D02**, and if you desaturate by 10%, it is **211108**.

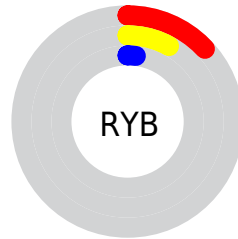
Distribution



Red (13%)

Green (6%)

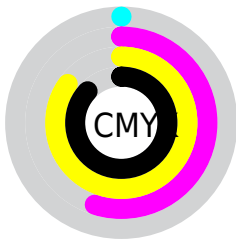
Blue (2%)



Red (13%)

Yellow (8%)

Blue (2%)

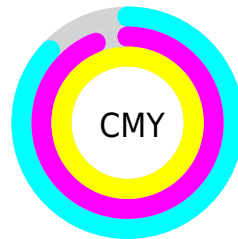


Cyan (0%)

Magenta (55%)

Yellow (85%)

Black (87%)



Cyan (87%)

Magenta (94%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210F05 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 210F05 by changing the saturation by 10% instead.

■ 210F05

■ 210F05

■ FFE6E6

■ 000000

■ 4D3933

■ 65504A

■ 7E6961

■ 99827A

■ B39C94

■ CFB7AF

■ ECD2CA

■ 210F05

■ 210F05

■ 210D02

■ 211108

■ 210C00

■ 21130C

■ 21150F

■ 211712

■ 211A16

■ 211C19

■ 211E1C

■ 21201F

■ 212223

Harmonies

Analogous

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



220E10



210F05



1D1100

Triad

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



210F05



00180E



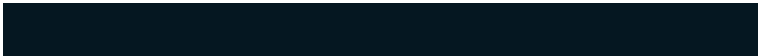
0F1321

Complementary

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



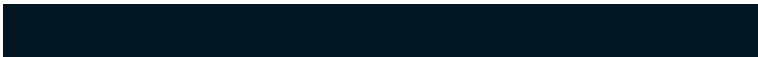
210F05



051721

Split Complementary

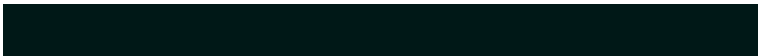
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



021621



210F05



001817

Square

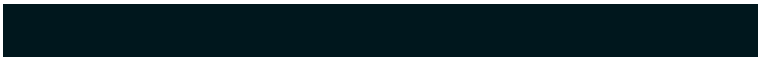
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210F05



0C1604



00171D



19101E

Rectangle

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



210F05



191300



00171D



0B1421

Sweetspot

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



210F05



2B2421



210517



171310



969696



171717

Same Dimension

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



210F05



2B0F00



211D05



0F0E0E



4F1C00



CF4A00

Inverse Universe

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



051721



001C2B



050921



0E0F0F



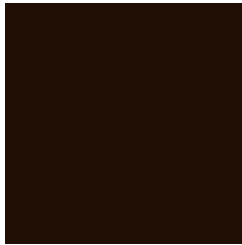
00334F



0085CF

Previews

White Background



This preview shows how the Hex color 210F05 looks on a white background.

Color Contrast Check

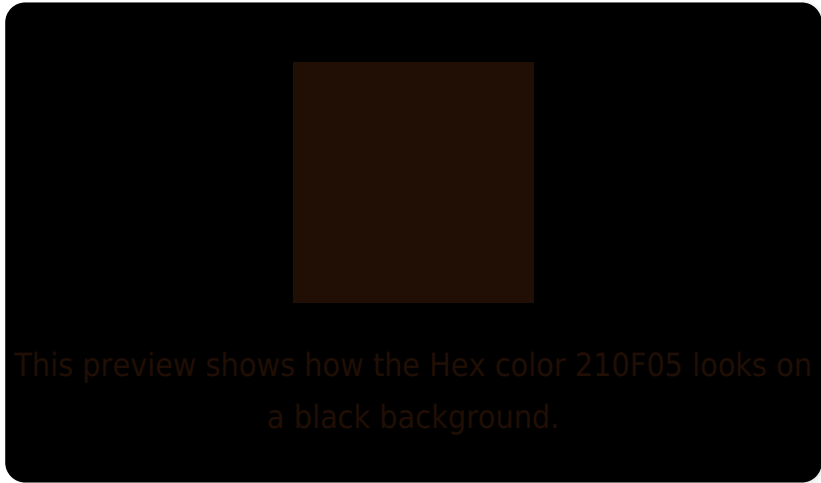
Large Text (above 18pt) WCAG AA ✓ Pass

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

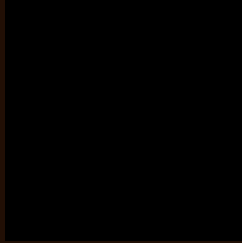
Any Text WCAG AA × Fail

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 210F05 Background



This preview shows how black text looks on a background with the Hex color 210F05.

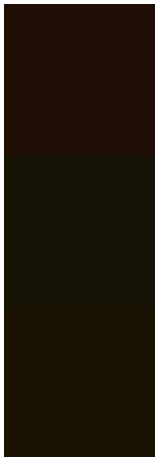


This preview shows how white text looks on a background with the Hex color 210F05.

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
210F05

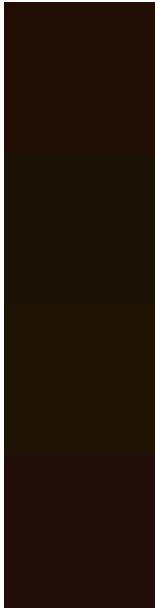
Protanopia
171406

Deuteranopia
1A1303



Tritanopia
210E0F

Trichromacy



Original Color
210F05

Protanomaly
1B1206

Deuteranomaly
1D1204

Tritanomaly
210E0B

Monochromacy



Original Color
210F05

Achromatopsia
131313

Achromatomaly
18120E

CSS Examples

Text

The CSS property to change the color of the text to Hex 210F05 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 #210F05 looks like.

```
.text, #text, p{  
    color:#210F05  
}
```

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 #210F05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210F05
}
```

Border

The CSS property to change the border of an element to Hex 210F05 is called "border". The border property can be set on classes, ids or directly on the HTML element.

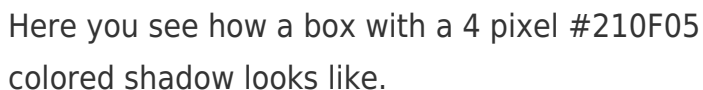
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210F05 }
```

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

```
.border{ border-color:#210F05 }
```

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



Here you see how a box with a 4 pixel #210F05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210F05; -webkit-box-shadow:4px 4px  
4px 4px #210F05; box-shadow:4px 4px 4px  
4px #210F05 }
```

Background

The CSS property to change the background color of an element to Hex 210F05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210F05 }
```

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

```
.background{ background-color:#210F05 }
```

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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