

Converting Colors

Hex(210F88)

Have a look what the booklet for
Hex(210F88) contains.

Hex(210F88)	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(210F88)

Conversions

Conversions Part 1

Format	Color
Hex	210F88
RGB	33, 15, 136
RGB Percent	13%, 6%, 53%
CMY	0.8706, 0.9412, 0.4667
CMYK	0.76, 0.89, 0.00, 0.47
HSL	249°, 80%, 30%
HSV	249°, 89%, 53%
XYZ	5.2420, 2.4426, 23.4877
YIQ	34.1760, -28.1130, 41.4470

Conversions

Conversions Part 2

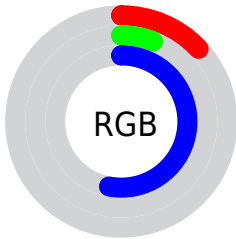
Format	Color
RYB	33, 15, 136
Decimal	2166664
CIELab	17.66, 45.25, -61.92
CIELCh	18, 76.690, 306.159
Yxy	2.4426, 0.1682, 0.0784
Android (android.graphics.Color)	4280356744 (0xFF210F88)
YUV	34.1760, 50.1992, -1.0314
Hunter-Lab	15.6287, 32.5199, -78.1646




Details

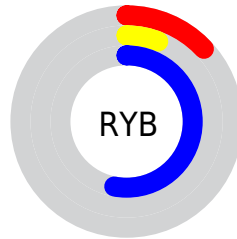
The Hex color **210F88** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **76880F**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **6140BF**, and **000055** is the 20% darker color. If you saturate the color by 10%, you get **150188**, and if you desaturate by 10%, it is **2D1D88**.

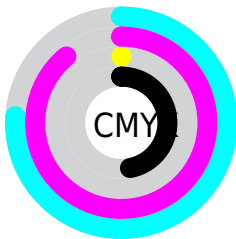
Distribution







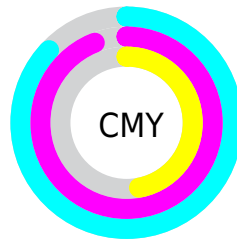
-  Red (13%)
-  Green (6%)
-  Blue (53%)






-  Red (13%)
-  Yellow (6%)
-  Blue (53%)



-  Cyan (76%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (87%)
-  Magenta (94%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210F88 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 210F88 by changing the saturation by 10% instead.

 210F88

 210F88

 FFFBFF

 00006E

 6140BF

 000055

 7E58DB

 00063C

 9A71F8

 000226

 B78CFF

 00010E

 D5A6FF

 000000

 F3C2FF

 FFDEFF

 210F88

 210F88

■ 150188

■ 2D1D88

■ 140088

■ 382A88

■ 443888

■ 4F4588

■ 5B5388

■ 666188

■ 726E88

■ 7E7C88

■ 898988

Harmonies

Analogous

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



00339F



210F88



6F0059

Triad

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



210F88



581100



003E36

Complementary

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



210F88



76880F

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.



003B00



210F88



2C2E00

Square

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



210F88



760000



003700



003E6D

Rectangle

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



210F88



7F0035



003700



003D22

Sweetspot

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



210F88



8880B0



0F7888



413D59



D9D9D9



595959

Same Dimension

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



210F88



1A00B0



5C0F88



3F3E45



140085



010005

Inverse Universe

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



880F76



B00096



3B880F



453E44



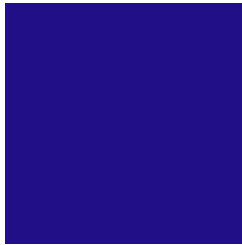
850071



050004

Previews

White Background



This preview shows how the Hex color 210F88 looks on a white background.

Color Contrast Check

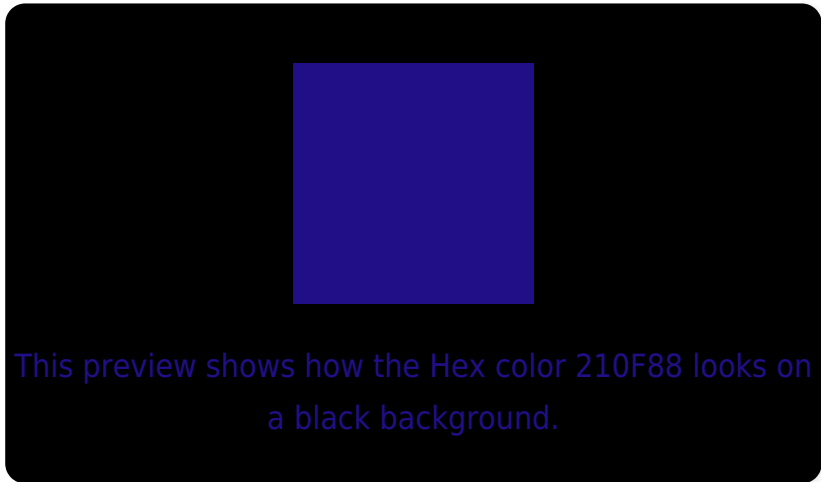
Large Text (above 18pt) WCAG AA ✓ Pass

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

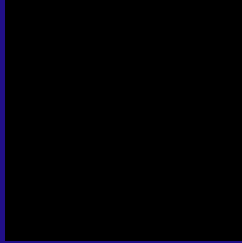
Any Text WCAG AA × Fail

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 210F88 Background



This preview shows how black text looks on a background with the Hex color 210F88.



This preview shows how white text looks on a background with the Hex color 210F88.

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
210F88

Protanopia
002B5B

Deuteranopia
002E4D

Trichromacy



Original Color
210F88

Protanomaly
0C216B

Deuteranomaly
0C2362

Tritanomaly
0C2553

Monochromacy



Original Color
210F88

Achromatopsia
222222

Achromatomaly
221B47

CSS Examples

Text

The CSS property to change the color of the text to Hex 210F88 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 #210F88 looks like.

```
.text, #text, p{  
    color:#210F88  
}
```

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 #210F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210F88
}
```

Border

The CSS property to change the border of an element to Hex 210F88 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".

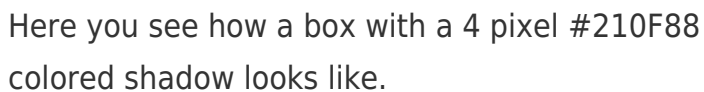
```
.border, #border, table{ border:4px solid
#210F88 }
```

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

```
.border{ border-color:#210F88 }
```

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

Here you see how a box with a 4 pixel #210F88 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue rectangular shape that is offset to the right and bottom of the box, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210F88; -webkit-box-shadow:4px 4px  
4px 4px #210F88; box-shadow:4px 4px 4px  
4px #210F88 }
```

Background

The CSS property to change the background color of an element to Hex 210F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210F88 }
```

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

```
.background{ background-color:#210F88 }
```

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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