

Converting Colors

Hex(210F4A)

Have a look what the booklet for
Hex(210F4A) contains.

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Color

Hex(210F4A)

Conversions

Conversions Part 1

Format	Color
Hex	210F4A
RGB	33, 15, 74
RGB Percent	13%, 6%, 29%
CMY	0.8706, 0.9412, 0.7098
CMYK	0.55, 0.80, 0.00, 0.71
HSL	258°, 66%, 17%
HSV	258°, 80%, 29%
XYZ	2.0341, 1.1594, 6.5951
YIQ	27.1080, -8.2110, 22.1650

Conversions

Conversions Part 2

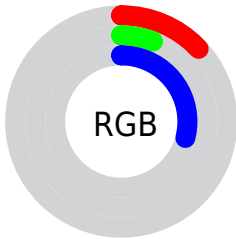
Format	Color
RYB	33, 15, 74
Decimal	2166602
CIELab	10.25, 25.65, -33.28
CIELCh	10, 42.018, 307.626
Yxy	1.1594, 0.2078, 0.1184
Android (android.graphics.Color)	4280356682 (0xFF210F4A)
YUV	27.1080, 23.1178, 5.1673
Hunter-Lab	10.7675, 14.8767, -28.7781




Details

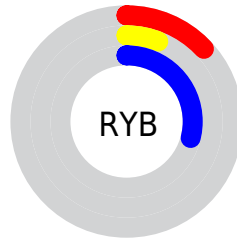
The Hex color **210F4A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **384A0F**, and the grayscale version is **1B1B1B**.




A 20% lighter version of the original color is **523B7B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **1C084A**, and if you desaturate by 10%, it is **26164A**.

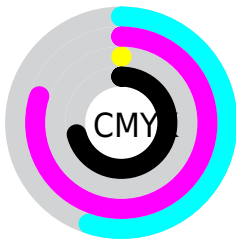
Distribution







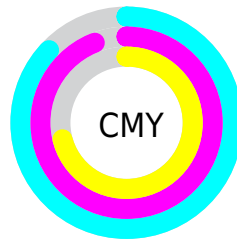
-  Red (13%)
-  Green (6%)
-  Blue (29%)






-  Red (13%)
-  Yellow (6%)
-  Blue (29%)



-  Cyan (55%)
-  Magenta (80%)
-  Yellow (0%)
-  Black (71%)



-  Cyan (87%)
-  Magenta (94%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210F4A 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 210F4A by changing the saturation by 10% instead.

 210F4A

 210F4A

 FFF1FF

 100033

 523B7B

 00021D

 6C5296

 000000

 866AB0

 A184CC

 BC9EE8

 D9B9FF

 F6D5FF

 210F4A

 210F4A

■ 1C084A

■ 26164A

■ 17004A

■ 2B1E4A

■ 30254A

■ 362D4A

■ 3B344A

■ 403B4A

■ 45434A

■ 4A4A4A

■ 4F524A

Harmonies

Analogous

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



001E56



210F4A



410032

Triad

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



210F4A



351200



002923

Complementary

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



210F4A



384A0F

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.



002700



210F4A



1E1D00

Square

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



210F4A



450000



002400



00283F

Rectangle

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



210F4A



490020



002400



002819

Sweetspot

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



210F4A



514A61



0F384A



272230



B0B0B0



303030

Same Dimension

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



210F4A



200461



3E0F4A



242226



1F0066



4600E6

Inverse Universe

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



4A0F38



610445



1B4A0F



262225



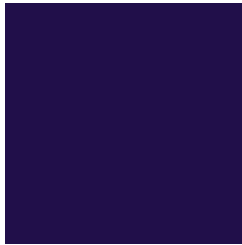
660047



E6009F

Previews

White Background



This preview shows how the Hex color 210F4A looks on a white background.

Color Contrast Check

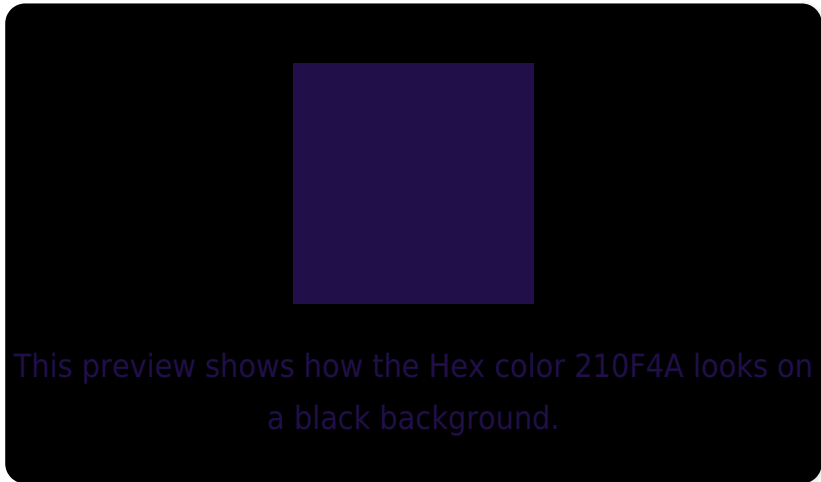
Large Text (above 18pt) WCAG AA ✓ Pass

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

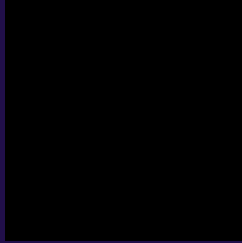
Any Text WCAG AA × Fail

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 210F4A Background



This preview shows how black text looks on a background with the Hex color 210F4A.



This preview shows how white text looks on a background with the Hex color 210F4A.

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
210F4A

Protanopia
001C3C

Deuteranopia
001E33



Tritanopia
131F22

Trichromacy



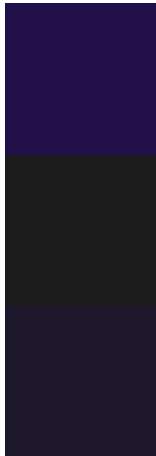
Original Color
210F4A

Protanomaly
0C1741

Deuteranomaly
0C193B

Tritanomaly
181931

Monochromacy



Original Color
210F4A

Achromatopsia
1B1B1B

Achromatomaly
1D172C

CSS Examples

Text

The CSS property to change the color of the text to Hex 210F4A 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 #210F4A looks like.

```
.text, #text, p{  
    color:#210F4A  
}
```

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 #210F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210F4A
}
```

Border

The CSS property to change the border of an element to Hex 210F4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

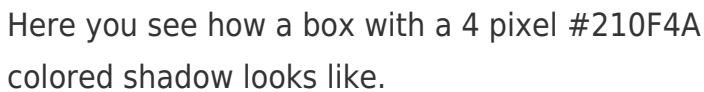
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210F4A }
```

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

```
.border{ border-color:#210F4A }
```

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



Here you see how a box with a 4 pixel #210F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210F4A; -webkit-box-shadow:4px 4px  
4px 4px #210F4A; box-shadow:4px 4px 4px  
4px #210F4A }
```

Background

The CSS property to change the background color of an element to Hex 210F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210F4A }
```

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

```
.background{ background-color:#210F4A }
```

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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