

Converting Colors

Hex(210B68)

Have a look what the booklet for
Hex(210B68) contains.

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Color

Hex(210B68)

Conversions

Conversions Part 1

Format	Color
Hex	210B68
RGB	33, 11, 104
RGB Percent	13%, 4%, 41%
CMY	0.8706, 0.9569, 0.5922
CMYK	0.68, 0.89, 0.00, 0.59
HSL	254°, 81%, 23%
HSV	254°, 89%, 41%
XYZ	3.2456, 1.5622, 13.2272
YIQ	28.1800, -16.7410, 33.5870

Conversions

Conversions Part 2

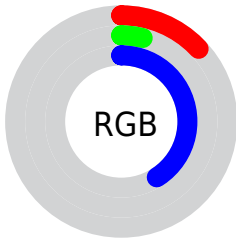
Format	Color
R_{YB}	33, 11, 104
Decimal	2165608
CIE _{Lab}	13.00, 37.22, -49.06
CIE _{LCh}	13, 61.580, 307.190
Yxy	1.5622, 0.1800, 0.0866
Android (android.graphics.Color)	4280355688 (0xFF210B68)
YUV	28.1800, 37.3793, 4.2271
Hunter-Lab	12.4986, 24.4792, -53.9970

Details

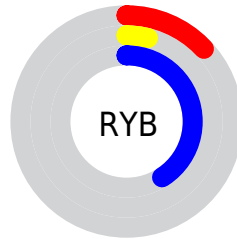
The Hex color **210B68** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **52680B**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **593A9C**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **190168**, and if you desaturate by 10%, it is **291568**.

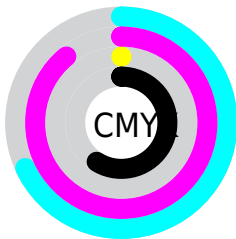
Distribution



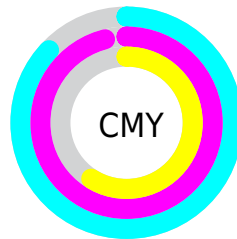
- Red (13%)
- Green (4%)
- Blue (41%)



- Red (13%)
- Yellow (4%)
- Blue (41%)



- Cyan (68%)
- Magenta (89%)
- Yellow (0%)
- Black (59%)



- Cyan (87%)
- Magenta (96%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 210B68 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 210B68 by changing the saturation by 10% instead.


 210B68

 210B68


 FFF2FF

 00004F

 593A9C

 000037

 7452B8

 000221

 906AD4

 000006

 AC84F0

 000000

 C89FFF

 E5BAFF

 FFD6FF

 210B68

 210B68

■ 190168

■ 291568

■ 190068

■ 312068

■ 392A68

■ 413568

■ 493F68

■ 514968

■ 595468

■ 615E68

■ 686968

Harmonies

Analogous

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



00267A



210B68



580044

Triad

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



210B68



441000



00312B

Complementary

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



210B68



52680B

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.



003000



210B68



222400

Square

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



210B68



5C0000



002C00



003256

Rectangle

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



210B68



630028



002C00



00301C

Sweetspot

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



210B68



6B6387



0B5268



342F45



C4C4C4



454545

Same Dimension

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



210B68



200087



4F0B68



2F2E33



1B0073



3900F2

Inverse Universe

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



680B52



870067



24680B



332E32



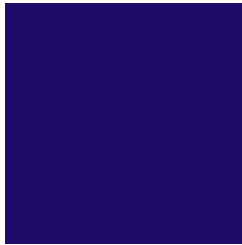
730058



F200B9

Previews

White Background



This preview shows how the Hex color 210B68 looks on a white background.

Color Contrast Check

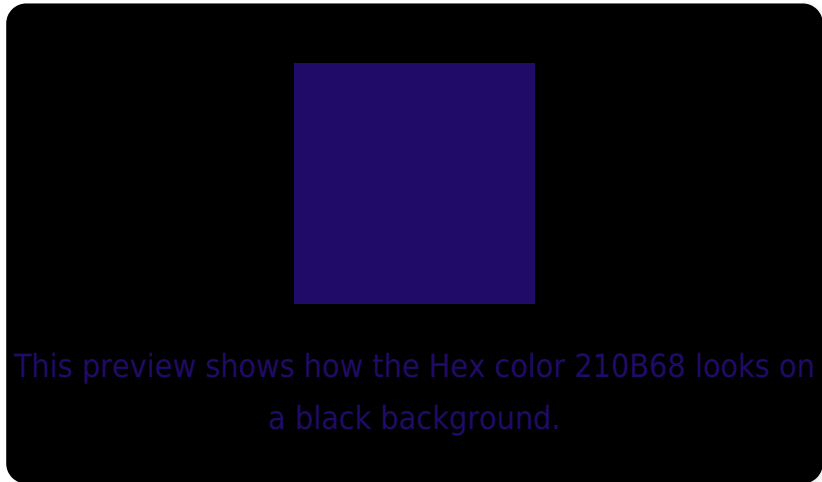
Large Text (above 18pt) WCAG AA ✓ Pass

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

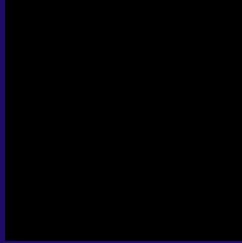
Any Text WCAG AA × Fail

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 210B68 Background



This preview shows how black text looks on a background with the Hex color 210B68.



This preview shows how white text looks on a background with the Hex color 210B68.

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
210B68

Protanopia
002248

Deuteranopia
00253D



Tritanopia
00282A

Trichromacy



Original Color
210B68

Protanomaly
0C1A54

Deuteranomaly
0C1C4D

Tritanomaly
0C1D41

Monochromacy



Original Color
210B68

Achromatopsia
1C1C1C

Achromatomaly
1E1638

CSS Examples

Text

The CSS property to change the color of the text to Hex 210B68 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 #210B68 looks like.

```
.text, #text, p{  
    color:#210B68  
}
```

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 #210B68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #210B68
}
```

Border

The CSS property to change the border of an element to Hex 210B68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

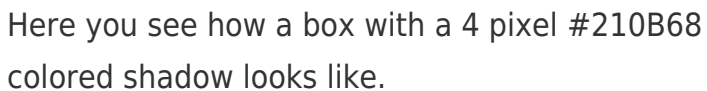
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#210B68 }
```

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

```
.border{ border-color:#210B68 }
```

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



Here you see how a box with a 4 pixel #210B68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #210B68; -webkit-box-shadow:4px 4px  
4px 4px #210B68; box-shadow:4px 4px 4px  
4px #210B68 }
```

Background

The CSS property to change the background color of an element to Hex 210B68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#210B68 }
```

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

```
.background{ background-color:#210B68 }
```

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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