

Converting Colors

Hex(211CBD)

Have a look what the booklet for
Hex(211CBD) contains.

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Color

Hex(211CBD)

Conversions

Conversions Part 1

Format	Color
Hex	211CBD
RGB	33, 28, 189
RGB Percent	13%, 11%, 74%
CMY	0.8706, 0.8902, 0.2588
CMYK	0.83, 0.85, 0.00, 0.26
HSL	242°, 74%, 43%
HSV	242°, 85%, 74%
XYZ	10.2278, 4.8280, 48.5369
YIQ	47.8490, -48.7010, 51.1310

Conversions

Conversions Part 2

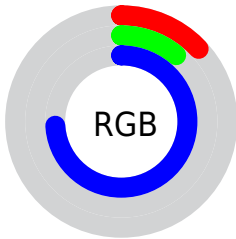
Format	Color
R_{YB}	33, 28, 189
Decimal	2170045
CIE Lab	26.24, 55.76, -79.95
CIE LCh	26, 97.476, 304.890
Yxy	4.8280, 0.1608, 0.0759
Android (android.graphics.Color)	4280360125 (0xFF211CBD)
YUV	47.8490, 69.5874, -13.0226
Hunter-Lab	21.9726, 44.6356, -115.5892

Details

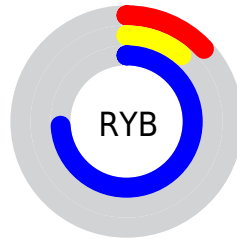
The Hex color **211CBD** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **B8BD1C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **6E4EF7**, and **000086** is the 20% darker color. If you saturate the color by 10%, you get **0F09BD**, and if you desaturate by 10%, it is **332FBD**.

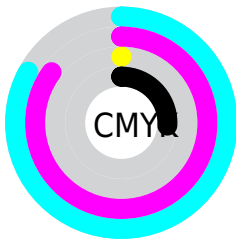
Distribution



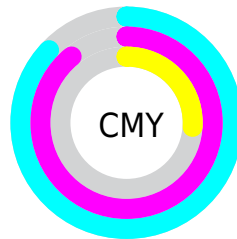
- Red (13%)
- Green (11%)
- Blue (74%)



- Red (13%)
- Yellow (11%)
- Blue (74%)



- Cyan (83%)
- Magenta (85%)
- Yellow (0%)
- Black (26%)




- Cyan (87%)
- Magenta (89%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211CBD 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 211CBD by changing the saturation by 10% instead.

 211CBD

 211CBD

FFFFFF

 0000A1

 6E4EF7

 000086

 8D67FF

 00006C

 AC81FF

 000B52

 CB9CFF

 00053A

 EAB8FF

 000224

 FFD4FF

 00000B

 FFF1FF

 000000

 211CBD

 211CBD

0F09BD

332FBD

0600BD

4642BD

5855BD

6A68BD

7D7BBD

8F8DBD

A1A0BD

B4B3BD

C6C6BD

Harmonies

Analogous

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



0049DA



211CBD



97007F

Triad

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



211CBD



7C1700



005549

Complementary

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



211CBD



B8BD1C

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.



005200



211CBD



424000

Square

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



211CBD



A40000



004E00



005794

Rectangle

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



211CBD



AE004F



004E00



00542F

Sweetspot

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



211CBD



B7B5F5



1CBABD



56547A



FAFAFA



7A7A7A

Same Dimension

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



211CBD



0800F5



6F1CBD



5555E



05009E



01001F

Inverse Universe

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



BD1CB8



F500ED



6ABD1C



5E555E



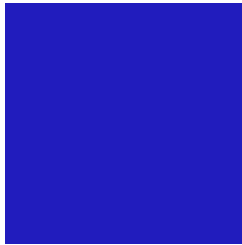
9E0099



1F001E

Previews

White Background



This preview shows how the Hex color 211CBD looks on a white background.

Color Contrast Check

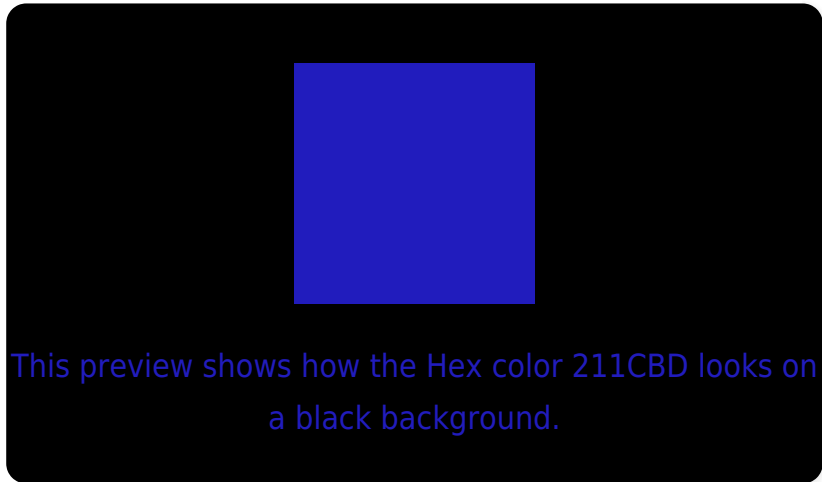
Large Text (above 18pt) WCAG AA ✓ Pass

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

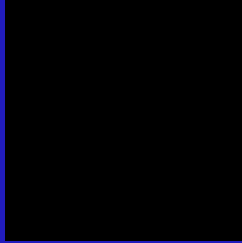
Any Text WCAG AA × Fail

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 211CBD Background



This preview shows how black text looks on a background with the Hex color 211CBD.



This preview shows how white text looks on a background with the Hex color 211CBD.

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
211CBD

Protanopia
003C7F

Deuteranopia
00406B

Trichromacy



Original Color
211CBD

Protanomaly
0C3096

Deuteranomaly
0C3389

Tritanomaly
0C3673

Monochromacy



Original Color
211CBD

Achromatopsia
303030

Achromatomaly
2B2963

CSS Examples

Text

The CSS property to change the color of the text to Hex 211CBD 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 #211CBD looks like.

```
.text, #text, p{  
    color:#211CBD  
}
```

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 #211CBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211CBD
}
```

Border

The CSS property to change the border of an element to Hex 211CBD 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
#211CBD }
```

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

```
.border{ border-color:#211CBD }
```

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

Here you see how a box with a 4 pixel #211CBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211CBD; -webkit-box-shadow:4px 4px  
4px 4px #211CBD; box-shadow:4px 4px 4px  
4px #211CBD }
```

Background

The CSS property to change the background color of an element to Hex 211CBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211CBD }
```

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

```
.background{ background-color:#211CBD }
```

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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