

Converting Colors

Hex(211BB1)

Have a look what the booklet for
Hex(211BB1) contains.

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Color

Hex(211BB1)

Conversions

Conversions Part 1

Format	Color
Hex	211BB1
RGB	33, 27, 177
RGB Percent	13%, 11%, 69%
CMY	0.8706, 0.8941, 0.3059
CMYK	0.81, 0.85, 0.00, 0.31
HSL	242°, 74%, 40%
HSV	242°, 85%, 69%
XYZ	8.9549, 4.2815, 41.9494
YIQ	45.8940, -44.5740, 47.9220

Conversions

Conversions Part 2

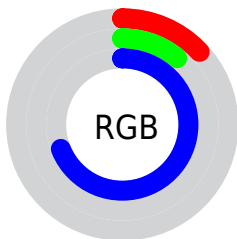
Format	Color
R_{YB}	33, 27, 177
Decimal	2169777
CIE _{Lab}	24.58, 52.60, -75.56
CIE _{LCh}	25, 92.066, 304.841
Yxy	4.2815, 0.1623, 0.0776
Android (android.graphics.Color)	4280359857 (0xFF211BB1)
YUV	45.8940, 64.6353, -11.3080
Hunter-Lab	20.6918, 41.0399, -105.7167




Details

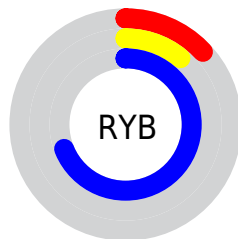
The Hex color **211BB1** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **ABB11B**, and the grayscale version is **2D2D2D**.




A 20% lighter version of the original color is **6B4CEA**, and **00007B** is the 20% darker color. If you saturate the color by 10%, you get **1009B1**, and if you desaturate by 10%, it is **322DB1**.

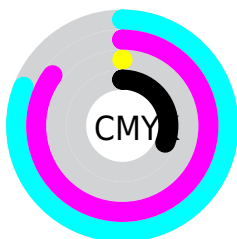
Distribution







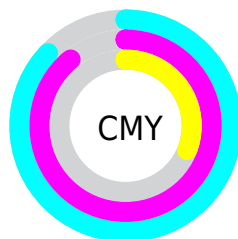
-  Red (13%)
-  Green (11%)
-  Blue (69%)






-  Red (13%)
-  Yellow (11%)
-  Blue (69%)



-  Cyan (81%)
-  Magenta (85%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (87%)
-  Magenta (89%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 211BB1 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 211BB1 by changing the saturation by 10% instead.



211BB1



211BB1

FFFFFF



000095



6B4CEA



00007B



8A65FF



000061



A87FFF



000848



C69AFF



000430



E5B5FF



00011B



FFD1FF



000000



FFEEFF



211BB1



211BB1

■ 1009B1

■ 322DB1

■ 0700B1

■ 433EB1

■ 5450B1

■ 6562B1

■ 7673B1

■ 8785B1

■ 9897B1

■ A9A9B1

■ BABAB1

Harmonies

Analogous

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



0045CC



211BB1



8E0077

Triad

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



211BB1



741600



005045

Complementary

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



211BB1



ABB11B

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.



004D00



211BB1



3F3C00

Square

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



211BB1



9A0000



004900



00528B

Rectangle

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



211BB1



A3004A



004900



004F2C

Sweetspot

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



211BB1



AEACE6



1BACB1



525073



F2F2F2



737373

Same Dimension

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



211BB1



0900E6



6B1BB1



515059



060099



01001A

Inverse Universe

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



B11BAB



E600DC



61B11B



595059



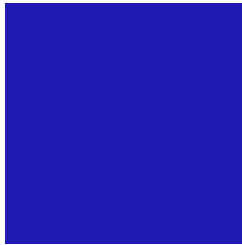
990093



1A0018

Previews

White Background



This preview shows how the Hex color 211BB1 looks on a white background.

Color Contrast Check

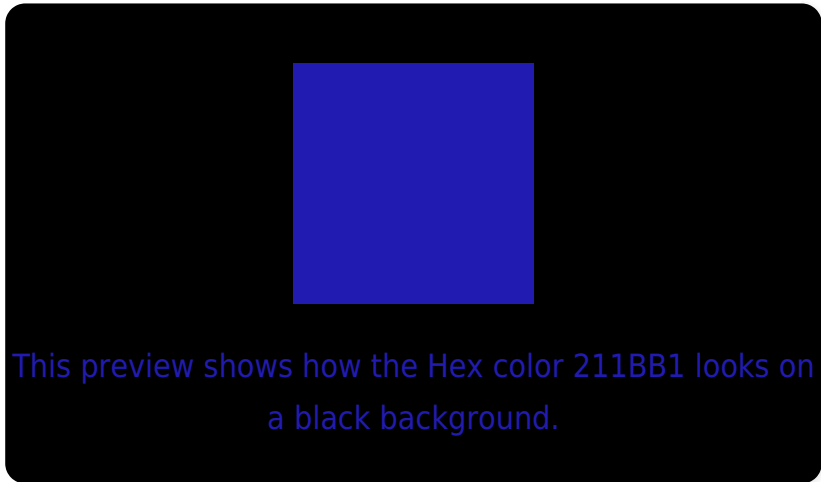
Large Text (above 18pt) WCAG AA ✓ Pass

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

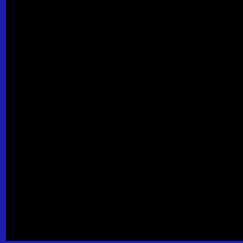
Any Text WCAG AA × Fail

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 211BB1 Background



This preview shows how black text looks on a background with the Hex color 211BB1.



This preview shows how white text looks on a background with the Hex color 211BB1.

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
211BB1

Protanopia
003977

Deuteranopia
003D65

Trichromacy



Original Color
211BB1

Protanomaly
0C2E8C

Deuteranomaly
0C3181

Tritanomaly
0C336C

Monochromacy



Original Color
211BB1

Achromatopsia
2E2E2E

Achromatomaly
29275E

CSS Examples

Text

The CSS property to change the color of the text to Hex 211BB1 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 #211BB1 looks like.

```
.text, #text, p{  
    color:#211BB1  
}
```

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 #211BB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #211BB1
}
```

Border

The CSS property to change the border of an element to Hex 211BB1 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
#211BB1 }
```

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

```
.border{ border-color:#211BB1 }
```

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

Here you see how a box with a 4 pixel #211BB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #211BB1; -webkit-box-shadow:4px 4px  
4px 4px #211BB1; box-shadow:4px 4px 4px  
4px #211BB1 }
```

Background

The CSS property to change the background color of an element to Hex 211BB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#211BB1 }
```

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

```
.background{ background-color:#211BB1 }
```

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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