

Converting Colors

Hex(221CB0)

Have a look what the booklet for
Hex(221CB0) contains.

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Color

Hex(221CB0)

Conversions

Conversions Part 1

Format	Color
Hex	221CB0
RGB	34, 28, 176
RGB Percent	13%, 11%, 69%
CMY	0.8667, 0.8902, 0.3098
CMYK	0.81, 0.84, 0.00, 0.31
HSL	242°, 73%, 40%
HSV	242°, 84%, 69%
XYZ	8.9114, 4.3052, 41.4356
YIQ	46.6660, -43.9320, 47.3000

Conversions

Conversions Part 2

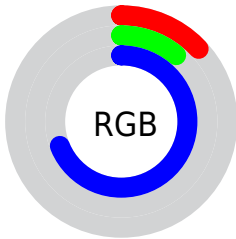
Format	Color
R _Y B	34, 28, 176
Decimal	2235568
CIE Lab	24.66, 51.91, -74.84
CIE LCh	25, 91.076, 304.745
Yxy	4.3052, 0.1631, 0.0788
Android (android.graphics.Color)	4280425648 (0xFF221CB0)
YUV	46.6660, 63.7617, -11.1081
Hunter-Lab	20.7489, 40.3530, -103.8779

Details

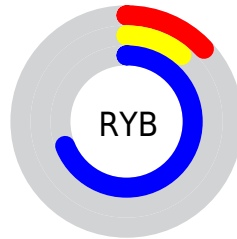
The Hex color **221CB0** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **AAB01C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6B4DE9**, and **00007A** is the 20% darker color. If you saturate the color by 10%, you get **110AB0**, and if you desaturate by 10%, it is **332EB0**.

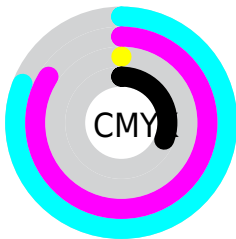
Distribution



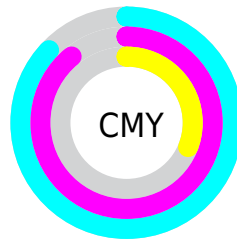
- Red (13%)
- Green (11%)
- Blue (69%)



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



- Cyan (81%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 221CB0 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 221CB0 by changing the saturation by 10% instead.

 221CB0

 221CB0

FFFFFF

 000195

 6B4DE9

 00007A

 8A66FF

 000060

 A880FF

 000847

 C69BFF

 000430

 E5B6FF

 00011A

 FFD2FF

 000000

 FFEFFF

 221CB0

 221CB0

■ 110AB0

■ 332EB0

■ 0700B0

■ 443FB0

■ 5551B0

■ 6662B0

■ 7674B0

■ 8786B0

■ 9897B0

■ A9A9B0

■ BABAB0

Harmonies

Analogous

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



0045CA



221CB0



8D0077

Triad

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



221CB0



741700



005045

Complementary

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



221CB0



AAB01C

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.



004E00



221CB0



3F3D00

Square

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



221CB0



990000



004900



00528A

Rectangle

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



221CB0



A3004A



004900



004F2C

Sweetspot

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



221CB0



AEACE6



1CABB0



525073



F2F2F2



737373

Same Dimension

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



221CB0



0900E6



6B1CB0



515059



060099



01001A

Inverse Universe

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



B01CAA



E600DC



61B01C



595059



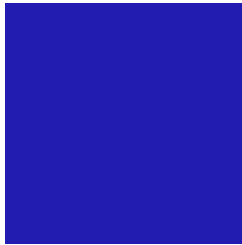
990093



1A0018

Previews

White Background



This preview shows how the Hex color 221CB0 looks on a white background.

Color Contrast Check

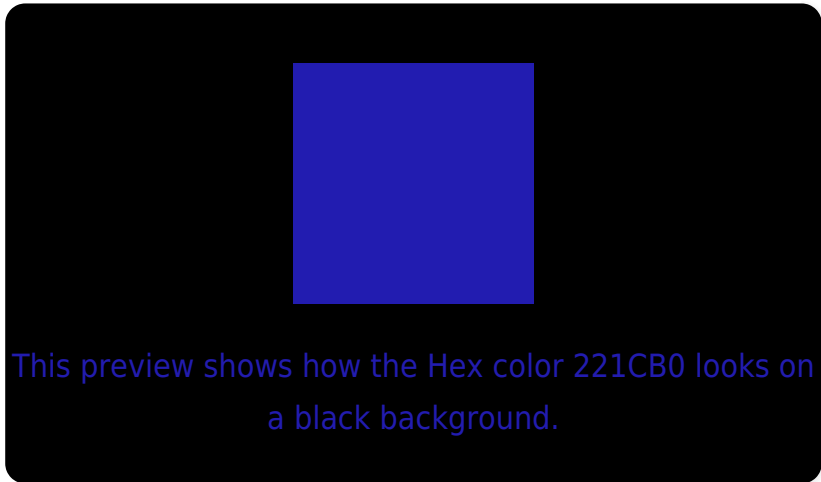
Large Text (above 18pt) WCAG AA ✓ Pass

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

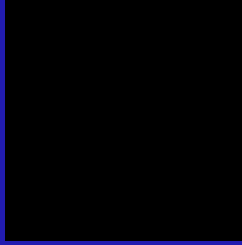
Any Text WCAG AA × Fail

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 221CB0 Background



This preview shows how black text looks on a background with the Hex color 221CB0.



This preview shows how white text looks on a background with the Hex color 221CB0.

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
221CB0

Protanopia
003978

Deuteranopia
003D66

Trichromacy



Original Color
221CB0

Protanomaly
0C2E8C

Deuteranomaly
0C3181

Tritanomaly
0C346C

Monochromacy



Original Color
221CB0

Achromatopsia
2F2F2F

Achromatomaly
2A285E

CSS Examples

Text

The CSS property to change the color of the text to Hex 221CB0 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 #221CB0 looks like.

```
.text, #text, p{  
    color:#221CB0  
}
```

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 #221CB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221CB0
}
```

Border

The CSS property to change the border of an element to Hex 221CB0 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
#221CB0 }
```

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

```
.border{ border-color:#221CB0 }
```

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

Here you see how a box with a 4 pixel #221CB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221CB0; -webkit-box-shadow:4px 4px  
4px 4px #221CB0; box-shadow:4px 4px 4px  
4px #221CB0 }
```

Background

The CSS property to change the background color of an element to Hex 221CB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221CB0 }
```

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

```
.background{ background-color:#221CB0 }
```

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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