

Converting Colors

Hex(220AE2)

Have a look what the booklet for
Hex(220AE2) contains.

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Color

Hex(220AE2)

Conversions

Conversions Part 1

Format	Color
Hex	220AE2
RGB	34, 10, 226
RGB Percent	13%, 4%, 89%
CMY	0.8667, 0.9608, 0.1137
CMYK	0.85, 0.96, 0.00, 0.11
HSL	247°, 92%, 46%
HSV	247°, 96%, 89%
XYZ	14.4957, 6.0482, 72.3549
YIQ	41.8000, -55.0320, 72.2640

Conversions

Conversions Part 2

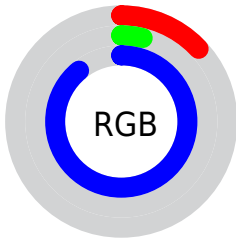
Format	Color
R_{YB}	34, 10, 226
Decimal	2231010
CIE _{Lab}	29.53, 70.87, -96.02
CIE _{LCh}	30, 119.345, 306.431
Yxy	6.0482, 0.1560, 0.0651
Android (android.graphics.Color)	4280421090 (0xFF220AE2)
YUV	41.8000, 90.8106, -6.8406
Hunter-Lab	24.5930, 62.1744, -157.2217




Details

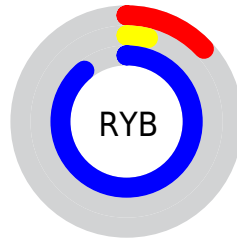
The Hex color **220AE2** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CAE20A**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **7948FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **1900E2**, and if you desaturate by 10%, it is **3621E2**.

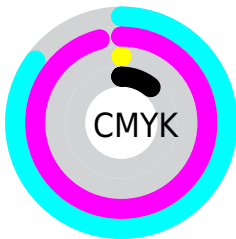
Distribution







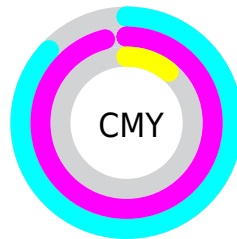
-  Red (13%)
-  Green (4%)
-  Blue (89%)






-  Red (13%)
-  Yellow (4%)
-  Blue (89%)



-  Cyan (85%)
-  Magenta (96%)
-  Yellow (0%)
-  Black (11%)






















-  Cyan (87%)
-  Magenta (96%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220AE2 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 220AE2 by changing the saturation by 10% instead.

 220AE2	 220AE2
 FFFFFFFF	 0000C5
 7948FF	 0000A9
 9A63FF	 00008D
 BB7EFF	 000272
 DB99FF	 000D59
 FBB5FF	 000740
 FFD2FF	 000329
 FFEFFF	 000113
	 000000

■ 220AE2

■ 220AE2

■ 1900E2

■ 3621E2

■ 4A37E2

■ 5E4EE2

■ 7264E2

■ 867BE2

■ 9B92E2

■ AFA8E2

■ C3BFE2

■ D7D5E2

Harmonies

Analogous

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



0054FF



220AE2



B70092

Triad

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



220AE2



8D1300



006059

Complementary

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



220AE2



CAE20A

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.



005D00



220AE2



444A00

Square

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



220AE2



BF0000



005900



0063B6

Rectangle

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



220AE2



D10056



005900



005F38

Sweetspot

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



220AE2



BDB5FF



0ACCE2



585380



000000



808080

Same Dimension

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



220AE2



1C00FF



8C0AE2



666570



1400B0



050030

Inverse Universe

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



E20ACA



FF00E3



60E20A



70656F



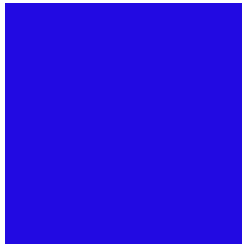
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 220AE2 looks on a white background.

Color Contrast Check

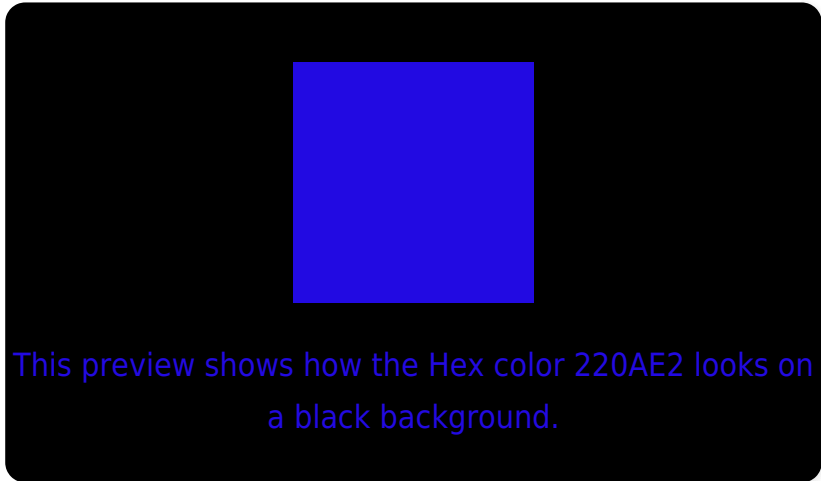
Large Text (above 18pt) WCAG AA ✓ Pass

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

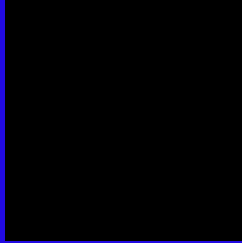
Any Text WCAG AA × Fail

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 220AE2 Background



This preview shows how black text looks on a background with the Hex color 220AE2.



This preview shows how white text looks on a background with the Hex color 220AE2.

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
220AE2

Protanopia
00448E

Deuteranopia
004878



Tritanopia
004E52

Trichromacy



Original Color
220AE2

Protanomaly
0C2FAD

Deuteranomaly
0C319F

Tritanomaly
0C3586

Monochromacy



Original Color
220AE2

Achromatopsia
2A2A2A

Achromatomaly
271E6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 220AE2 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 #220AE2 looks like.

```
.text, #text, p{  
    color:#220AE2  
}
```

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 #220AE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220AE2
}
```

Border

The CSS property to change the border of an element to Hex 220AE2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

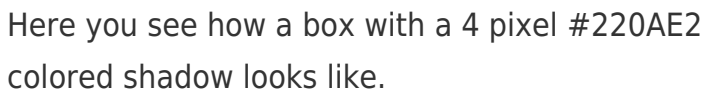
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220AE2 }
```

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

```
.border{ border-color:#220AE2 }
```

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



Here you see how a box with a 4 pixel #220AE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220AE2; -webkit-box-shadow:4px 4px  
4px 4px #220AE2; box-shadow:4px 4px 4px  
4px #220AE2 }
```

Background

The CSS property to change the background color of an element to Hex 220AE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220AE2 }
```

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

```
.background{ background-color:#220AE2 }
```

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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