

Converting Colors

Hex(220A9B)

Have a look what the booklet for
Hex(220A9B) contains.

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Color

Hex(220A9B)

Conversions

Conversions Part 1

Format	Color
Hex	220A9B
RGB	34, 10, 155
RGB Percent	13%, 4%, 61%
CMY	0.8667, 0.9608, 0.3922
CMYK	0.78, 0.94, 0.00, 0.39
HSL	250°, 88%, 32%
HSV	250°, 94%, 61%
XYZ	6.6846, 2.9237, 31.2224
YIQ	33.7060, -32.2410, 50.1830

Conversions

Conversions Part 2

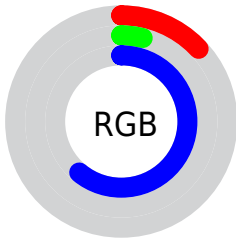
Format	Color
R_{YB}	34, 10, 155
Decimal	2230939
CIE _{Lab}	19.74, 52.35, -70.27
CIE _{LCh}	20, 87.631, 306.686
Yxy	2.9237, 0.1637, 0.0716
Android (android.graphics.Color)	4280421019 (0xFF220A9B)
YUV	33.7060, 59.7979, 0.2578
Hunter-Lab	17.0989, 39.8595, -96.2936

Details

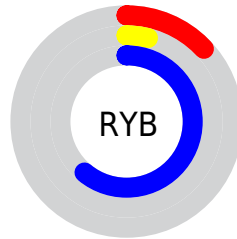
The Hex color **220A9B** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **839B0A**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **663FD3**, and **000066** is the 20% darker color. If you saturate the color by 10%, you get **1A009B**, and if you desaturate by 10%, it is **2F199B**.

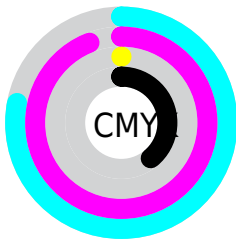
Distribution



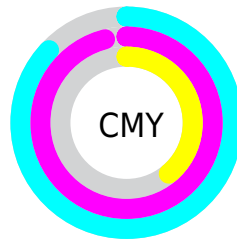
- Red (13%)
- Green (4%)
- Blue (61%)



- Red (13%)
- Yellow (4%)
- Blue (61%)



- Cyan (78%)
- Magenta (94%)
- Yellow (0%)
- Black (39%)



- Cyan (87%)
- Magenta (96%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220A9B 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 220A9B by changing the saturation by 10% instead.

 220A9B

 220A9B

 FFFCFF

 000080

 663FD3

 000066

 8458F0

 00034D

 A272FF

 000535

 C08CFF

 00021F

 DEA7FF

 000002

 FCC3FF

 000000

 FFDFFF

 220A9B

 220A9B

■ 1A009B

■ 2F199B

■ 3C299B

■ 49389B

■ 56489B

■ 63579B

■ 70679B

■ 7D769B

■ 89869B

■ 96959B

Harmonies

Analogous

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



0039B6



220A9B



7F0064

Triad

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



220A9B



611000



00433D

Complementary

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



220A9B



839B0A

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.



004200



220A9B



2F3300

Square

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



220A9B



850000



003D00



00457E

Rectangle

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



220A9B



91003A



003D00



004327

Sweetspot

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



220A9B



9A91C9



0A859B



494366



E6E6E6



666666

Same Dimension

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



220A9B



2100C9



680A9B



46454D



17008C



02000D

Inverse Universe

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



9B0A83



C900A8



3D9B0A



4D454B



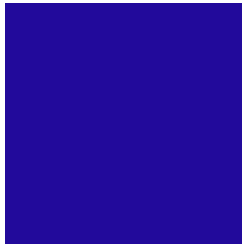
8C0075



0D000B

Previews

White Background



This preview shows how the Hex color 220A9B looks on a white background.

Color Contrast Check

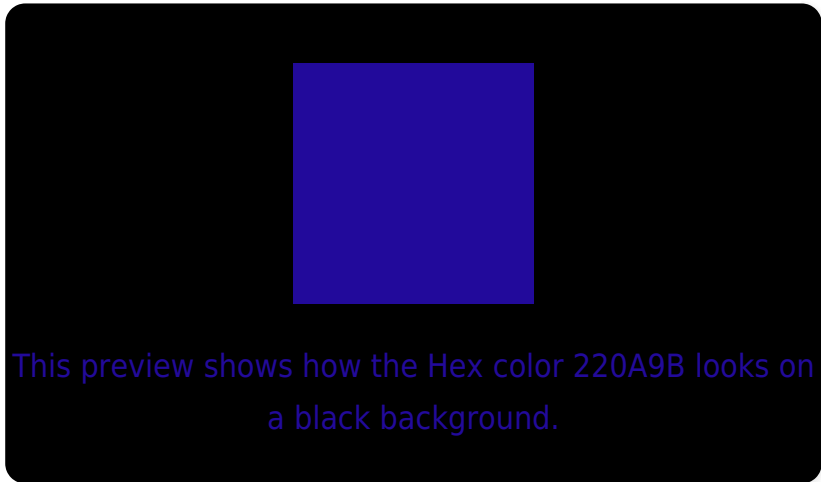
Large Text (above 18pt) WCAG AA ✓ Pass

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

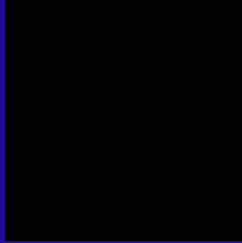
Any Text WCAG AA × Fail

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 220A9B Background



This preview shows how black text looks on a background with the Hex color 220A9B.



This preview shows how white text looks on a background with the Hex color 220A9B.

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
220A9B

Protanopia
003064

Deuteranopia
003355



Tritanopia
00373A

Trichromacy



Original Color

220A9B

Protanomaly

0C2278

Deuteranomaly

0C246E

Tritanomaly

0C275D

Monochromacy



Original Color

220A9B

Achromatopsia

222222

Achromatomaly

22194E

CSS Examples

Text

The CSS property to change the color of the text to Hex 220A9B 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 #220A9B looks like.

```
.text, #text, p{  
    color:#220A9B  
}
```

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 #220A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220A9B
}
```

Border

The CSS property to change the border of an element to Hex 220A9B 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".

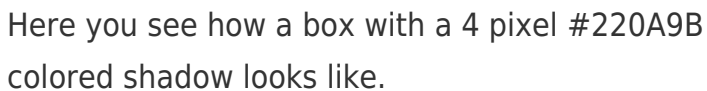
```
.border, #border, table{ border:4px solid
#220A9B }
```

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

```
.border{ border-color:#220A9B }
```

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

Here you see how a box with a 4 pixel #220A9B colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220A9B; -webkit-box-shadow:4px 4px  
4px 4px #220A9B; box-shadow:4px 4px 4px  
4px #220A9B }
```

Background

The CSS property to change the background color of an element to Hex 220A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220A9B }
```

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

```
.background{ background-color:#220A9B }
```

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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