

Converting Colors

Hex(8229CC)

Have a look what the booklet for
Hex(8229CC) contains.

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Color

Hex(8229CC)

Conversions

Conversions Part 1

Format	Color
Hex	8229CC
RGB	130, 41, 204
RGB Percent	51%, 16%, 80%
CMY	0.4902, 0.8392, 0.2000
CMYK	0.36, 0.80, 0.00, 0.20
HSL	273°, 67%, 48%
HSV	273°, 80%, 80%
XYZ	20.8979, 10.6913, 58.0889
YIQ	86.1930, 0.7210, 69.5610

Conversions

Conversions Part 2

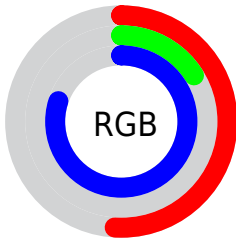
Format	Color
R_{YB}	130, 41, 204
Decimal	8530380
CIE _{Lab}	39.06, 64.47, -67.29
CIE _{LCh}	39, 93.188, 313.777
Yxy	10.6913, 0.2330, 0.1192
Android (android.graphics.Color)	4286720460 (0xFF8229CC)
YUV	86.1930, 58.0789, 38.4187
Hunter-Lab	32.6976, 56.8635, -82.4433

Details

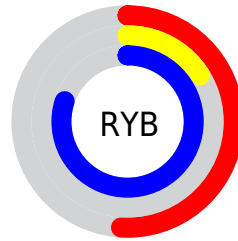
The Hex color **8229CC** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **73CC29**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **BD61FF**, and **470095** is the 20% darker color. If you saturate the color by 10%, you get **7915CC**, and if you desaturate by 10%, it is **8B3DCC**.

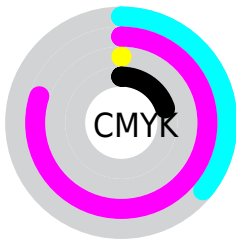
Distribution



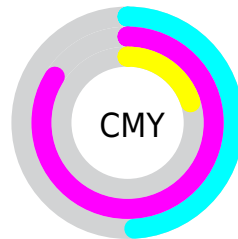
- Red (51%)
- Green (16%)
- Blue (80%)



- Red (51%)
- Yellow (16%)
- Blue (80%)



- Cyan (36%)
- Magenta (80%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8229CC 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 8229CC by changing the saturation by 10% instead.

 8229CC

 8229CC

FFFFFF

 6500B0

 BD61FF

 470095

 DA7DFF

 26007A

 F999FF

 000060

 FFB5FF

 000047

 FFD1FF

 000430

 FFEEFF

 00011A

 000000

 8229CC

 8229CC

 7915CC

 8B3DCC

 6F00CC

 9552CC

 9E66CC

 A77BCC

 B08FCC

 BAA3CC

 C3B8CC

 CCCCCC

 D5E1CC

Harmonies

Analogous

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



005CF4



8229CC



C80088

Triad

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



8229CC



924900



00787F

Complementary

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



8229CC



73CC29

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.



00752D



8229CC



506400

Square

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



8229CC



C10000



007000



0078C6

Rectangle

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



8229CC



D70056



007000



007764

Sweetspot

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



8229CC



E3C2FF



2975CC



6F5B80



000000



808080

Same Dimension

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



8229CC



900AFF



CC29C7



615C66



5B00A6



150026

Inverse Universe

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



CC2973



FF0A79



29CC2E



665C60



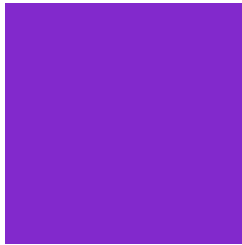
A6004B



260011

Previews

White Background



This preview shows how the Hex color 8229CC looks on a white background.

Color Contrast Check

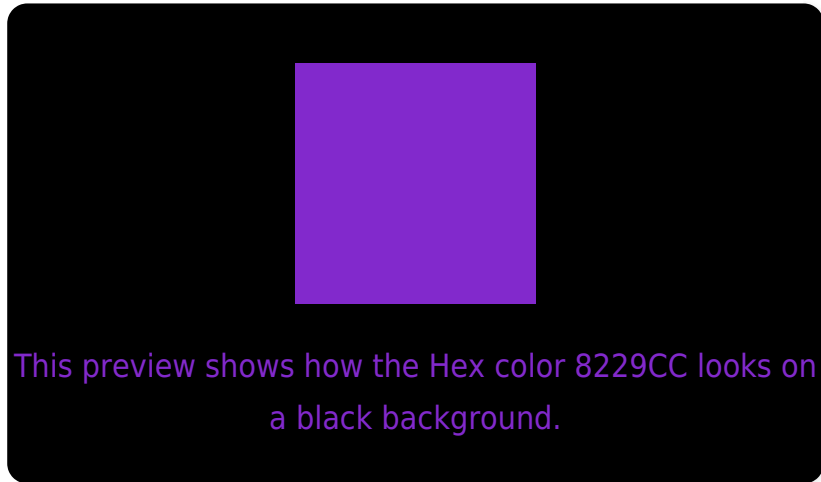
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8229CC Background



This preview shows how black text looks on a background with the Hex color 8229CC.

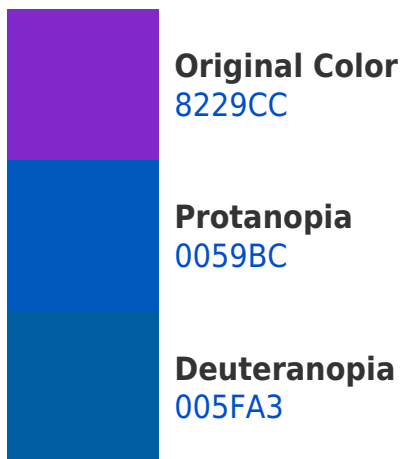


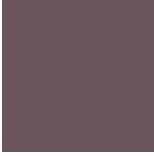
This preview shows how white text looks on a background with the Hex color 8229CC.

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](#).

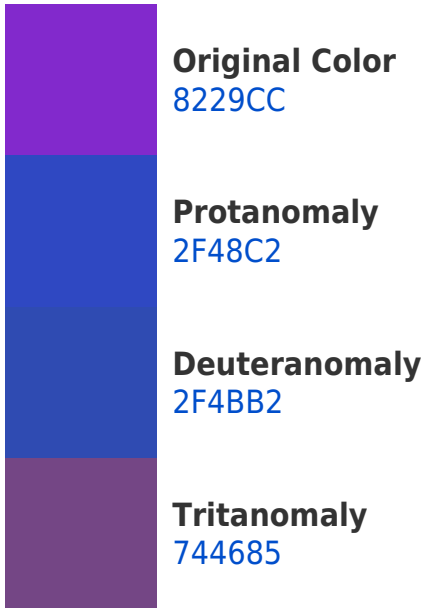
Dichromacy





Tritanopia
6C565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8229CC 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 #8229CC looks like.

```
.text, #text, p{  
    color:#8229CC  
}
```

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 #8229CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8229CC }  
}
```

Border

The CSS property to change the border of an element to Hex 8229CC 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 #8229CC }  
}
```

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

```
.border{ border-color:#8229CC }
```

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

Here you see how a box with a 4 pixel #8229CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8229CC; -webkit-box-shadow:4px 4px  
4px 4px #8229CC; box-shadow:4px 4px 4px  
4px #8229CC }
```

Background

The CSS property to change the background color of an element to Hex 8229CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8229CC }
```

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

```
.background{ background-color:#8229CC }
```

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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