

# Converting Colors

Hex(8217C2)

Have a look what the booklet for  
Hex(8217C2) contains.

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**Color**

**Hex(8217C2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8217C2
RGB	130, 23, 194
RGB Percent	51%, 9%, 76%
CMY	0.4902, 0.9098, 0.2392
CMYK	0.33, 0.88, 0.00, 0.24
HSL	278°, 79%, 43%
HSV	278°, 88%, 76%
XYZ	19.2499, 9.2537, 51.8105
YIQ	74.4870, 8.8810, 75.8650

# Conversions

## Conversions Part 2

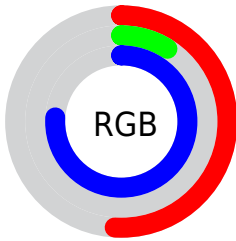
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">130, 23, 194</a>
Decimal	<a href="#">8525762</a>
CIELab	<a href="#">36.47, 67.47, -65.68</a>
CIElCh	<a href="#">36, 94.161, 315.773</a>
Yxy	<a href="#">9.2537, 0.2397, 0.1152</a>
Android (android.graphics.Color)	<a href="#">4286715842 (0xFF8217C2)</a>
YUV	<a href="#">74.4870, 58.9199, 48.6849</a>
Hunter-Lab	<a href="#">30.4198, 59.7216, -79.6877</a>

# Details

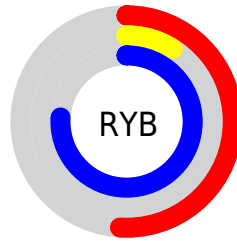
The Hex color **8217C2** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **57C217**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **BC56FC**, and **48008B** is the 20% darker color. If you saturate the color by 10%, you get **7B04C2**, and if you desaturate by 10%, it is **892AC2**.

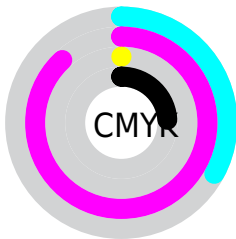
# Distribution



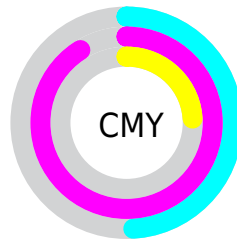
- Red (51%)
- Green (9%)
- Blue (76%)



- Red (51%)
- Yellow (9%)
- Blue (76%)



- Cyan (33%)
- Magenta (88%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (91%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8217C2 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 8217C2 by changing the saturation by 10% instead.



 8217C2

 8217C2

FFFFFF

 6500A6


 BC56FC

 48008B

 DA72FF

 280071

 F88EFF

 000057


 FFAAFF

 00003F

 FFC6FF

 000328

 FFE4FF

 000111

 000000

 8217C2

 8217C2

■ 7B04C2

■ 892AC2

■ 7900C2

■ 913EC2

■ 9851C2

■ 9F65C2

■ A678C2

■ AE8BC2

■ B59FC2

■ BCB2C2

■ C3C6C2

# Harmonies

## Analogous

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



0054EC



8217C2



C3007D

# Triad

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



8217C2



864500



00717E

# Complementary

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



8217C2



57C217

# 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.



006E2D



8217C2



435F00

# Square

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



8217C2



B60000



006A00



0071C4

# Rectangle

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



8217C2



D0004C



006A00



007063



# Sweetspot

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



8217C2



E4BBFC



1759C2



715880



000000



808080



# Same Dimension

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



8217C2



9E00FC



C217AE



5D5761



6500A1



150021



# Inverse Universe

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



C21757



FC005E



17C22B



61575B



A1003C

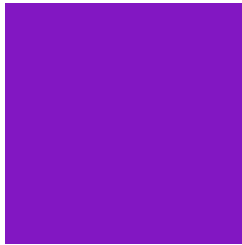


21000C



# Previews

## White Background



This preview shows how the Hex color 8217C2 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

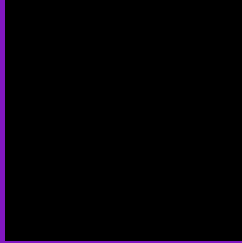
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8217C2 Background



This preview shows how black text looks on a background with the Hex color 8217C2.

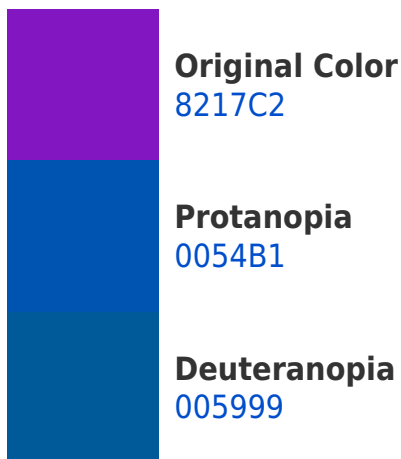


This preview shows how white text looks on a background with the Hex color 8217C2.

# 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**  
6E4E54

# Trichromacy



**Original Color**  
8217C2



**Protanomaly**  
2F3EB7



**Deuteranomaly**  
2F41A8



**Tritanomaly**  
753A7C

# Monochromacy



**Original Color**  
8217C2



**Achromatopsia**  
4A4A4A



**Achromatomaly**  
5E3776

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8217C2 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 #8217C2 looks like.

```
.text, #text, p{  
    color:#8217C2  
}
```

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 #8217C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8217C2
}
```

## Border

The CSS property to change the border of an element to Hex 8217C2 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
#8217C2 }
```

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

```
.border{ border-color:#8217C2 }
```

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

Here you see how a box with a 4 pixel #8217C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8217C2; -webkit-box-shadow:4px 4px  
4px 4px #8217C2; box-shadow:4px 4px 4px  
4px #8217C2 }
```

# Background

The CSS property to change the background color of an element to Hex 8217C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8217C2 }
```

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

```
.background{ background-color:#8217C2 }
```

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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