

Converting Colors

Hex(8731C2)

Have a look what the booklet for
Hex(8731C2) contains.

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Color

Hex(8731C2)

Conversions

Conversions Part 1

Format	Color
Hex	8731C2
RGB	135, 49, 194
RGB Percent	53%, 19%, 76%
CMY	0.4706, 0.8078, 0.2392
CMYK	0.30, 0.75, 0.00, 0.24
HSL	276°, 60%, 48%
HSV	276°, 75%, 76%
XYZ	20.8276, 11.2426, 52.1112
YIQ	91.2440, 4.7110, 63.3270

Conversions

Conversions Part 2

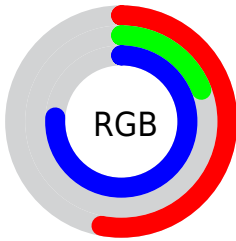
Format	Color
R_{YB}	135, 49, 194
Decimal	8860098
CIE _{Lab}	39.99, 60.12, -59.91
CIE _{LCh}	40, 84.879, 315.099
Yxy	11.2426, 0.2474, 0.1336
Android (android.graphics.Color)	4287050178 (0xFF8731C2)
YUV	91.2440, 50.6587, 38.3740
Hunter-Lab	33.5299, 52.2004, -68.6758

Details

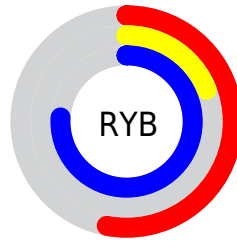
The Hex color **8731C2** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **6CC231**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **C168FB**, and **4E008B** is the 20% darker color. If you saturate the color by 10%, you get **7F1EC2**, and if you desaturate by 10%, it is **8F44C2**.

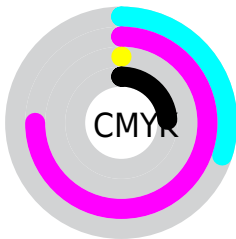
Distribution



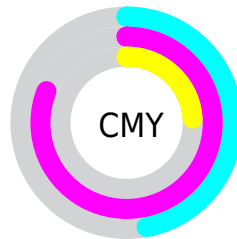
- Red (53%)
- Green (19%)
- Blue (76%)



- Red (53%)
- Yellow (19%)
- Blue (76%)



- Cyan (30%)
- Magenta (75%)
- Yellow (0%)
- Black (24%)



- Cyan (47%)
- Magenta (81%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8731C2 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 8731C2 by changing the saturation by 10% instead.

8731C2

8731C2

FFFFFF

6B10A6

C168FB

4E008B

DE83FF

310071

FC9EFF

150058

FFBAFF

00003F

FFD7FF

000328

FFF4FF

000112

000000

8731C2

8731C2

 7F1EC2

 8F44C2

 770AC2

 9758C2

 7300C2

 9F6BC2

 A77FC2

 AE92C2

 B6A5C2

 BEB9C2

 C6CCC2

 CEE0C2

Harmonies

Analogous

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



005DE7



8731C2



C30084

Triad

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



8731C2



8F4E00



007981

Complementary

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



8731C2



6CC231

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.



007737



8731C2



536600

Square

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



8731C2



BB1900



007200



0078C1

Rectangle

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



8731C2



D00056



007200



007869

Sweetspot

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



8731C2



E6C5FC



316DC2



725E80



000000



808080

Same Dimension

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



8731C2



A019FC



C231B6



5D5761



5F00A1



140021

Inverse Universe

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



C2316C



FC1976



31C23D



61575B



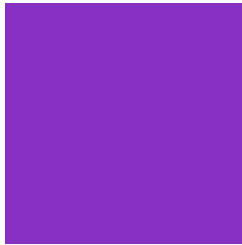
A10041



21000D

Previews

White Background



This preview shows how the Hex color 8731C2 looks on a white background.

Color Contrast Check

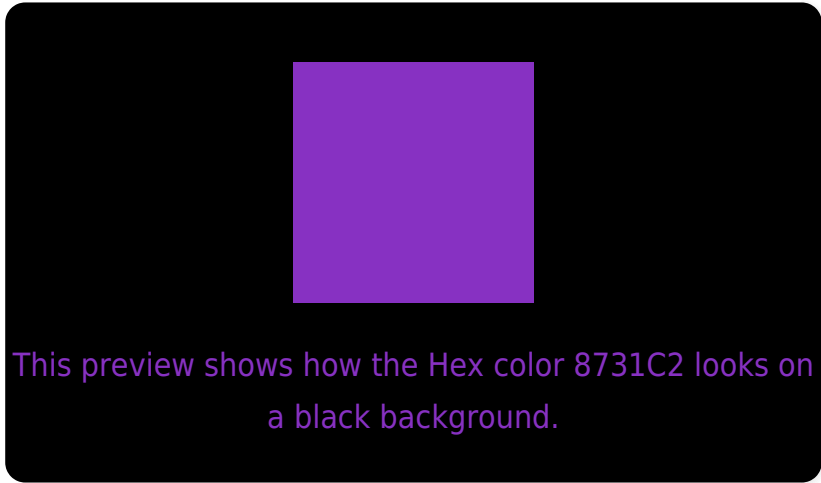
Large Text (above 18pt) WCAG AA ✓ Pass

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

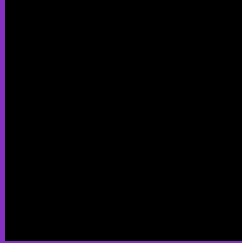
Any Text WCAG AA × Fail

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 8731C2 Background



This preview shows how black text looks on a background with the Hex color 8731C2.

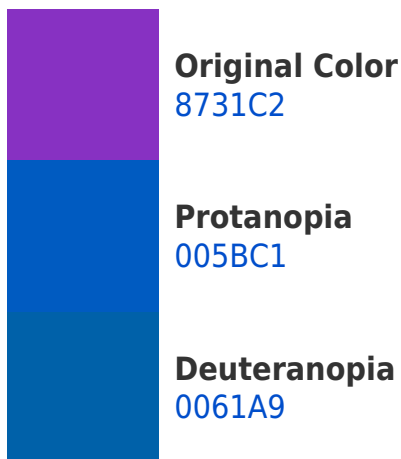



This preview shows how white text looks on a background with the Hex color 8731C2.

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](#).

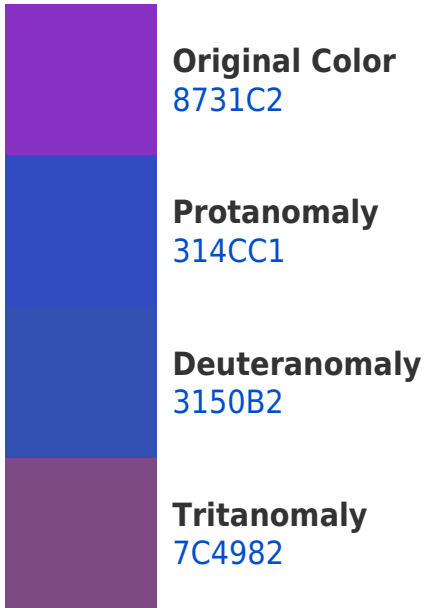
Dichromacy



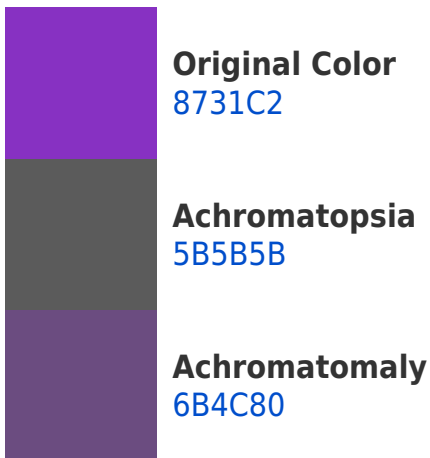


Tritanopia
75565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8731C2 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 #8731C2 looks like.

```
.text, #text, p{  
    color:#8731C2  
}
```

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 #8731C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8731C2
}
```

Border

The CSS property to change the border of an element to Hex 8731C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

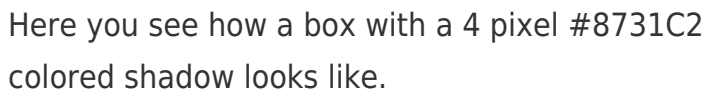
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8731C2 }
```

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

```
.border{ border-color:#8731C2 }
```

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



Here you see how a box with a 4 pixel #8731C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8731C2; -webkit-box-shadow:4px 4px  
4px 4px #8731C2; box-shadow:4px 4px 4px  
4px #8731C2 }
```

Background

The CSS property to change the background color of an element to Hex 8731C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8731C2 }
```

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

```
.background{ background-color:#8731C2 }
```

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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