

Converting Colors

Hex(7822C2)

Have a look what the booklet for
Hex(7822C2) contains.

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Color

Hex(7822C2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7822C2 |
| RGB | 120, 34, 194 |
| RGB Percent | 47%, 13%, 76% |
| CMY | 0.5294, 0.8667, 0.2392 |
| CMYK | 0.38, 0.82, 0.00, 0.24 |
| HSL | 272°, 70%, 45% |
| HSV | 272°, 82%, 76% |
| XYZ | 18.0554, 9.0322, 51.8307 |
| YIQ | 77.9540, -0.1040, 67.9920 |

Conversions

Conversions Part 2

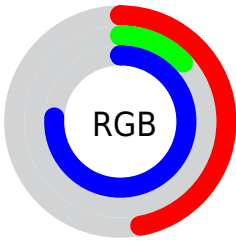
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 120, 34, 194 |
| Decimal | 7873218 |
| CIE _{Lab} | 36.05, 63.09, -66.43 |
| CIE _{LCh} | 36, 91.611, 313.524 |
| Yxy | 9.0322, 0.2288, 0.1144 |
| Android (android.graphics.Color) | 4286063298 (0xFF7822C2) |
| YUV | 77.9540, 57.2107, 36.8743 |
| Hunter-Lab | 30.0536, 54.6442, -81.2147 |

Details

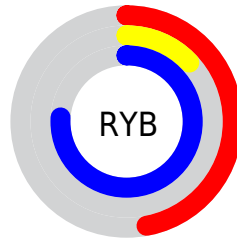
The Hex color **7822C2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **6CC222**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B25BFC**, and **3D008B** is the 20% darker color. If you saturate the color by 10%, you get **6F0FC2**, and if you desaturate by 10%, it is **8135C2**.

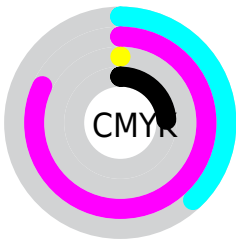
Distribution



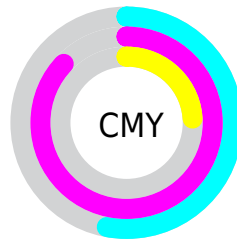
- Red (47%)
- Green (13%)
- Blue (76%)



- Red (47%)
- Yellow (13%)
- Blue (76%)



- Cyan (38%)
- Magenta (82%)
- Yellow (0%)
- Black (24%)



- Cyan (53%)
- Magenta (87%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7822C2 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 7822C2 by changing the saturation by 10% instead.

 7822C2

 7822C2

FFFFFF

 5B00A6

 B25BFC

 3D008B

 D076FF

 190071

 EE91FF

 000057


 FFADFF

 00043F

 FFCAFF

 000328

 FFE7FF

 000112

 000000

 7822C2

 7822C2

6F0FC2

8135C2

6800C2

8A49C2

935CC2

9C70C2

A583C2

AE96C2

B7AAC2

C0BDC2

C9D1C2

Harmonies

Analogous

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



0056E8



7822C2



BC0080

Triad

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



7822C2



884200



006F76

Complementary

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



7822C2



6CC222

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.



006D27



7822C2



495C00

Square

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



7822C2



B60000



006800



0070BB

Rectangle

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



7822C2



CB0050



006800



006E5C

Sweetspot

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



7822C2



DFBDFC



226DC2



6E5980



000000



808080

Same Dimension

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



7822C2



8903FC



C222BD



5C5761



5600A1



120021

Inverse Universe

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



C2226C



FC0376



22C227



61575C



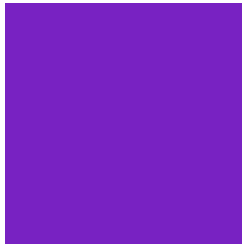
A1004A



21000F

Previews

White Background



This preview shows how the Hex color 7822C2 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

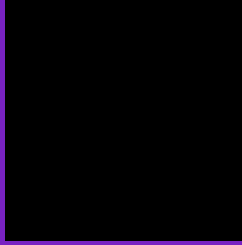
Any Text WCAG AA × Fail

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 7822C2 Background



This preview shows how black text looks on a background with the Hex color 7822C2.

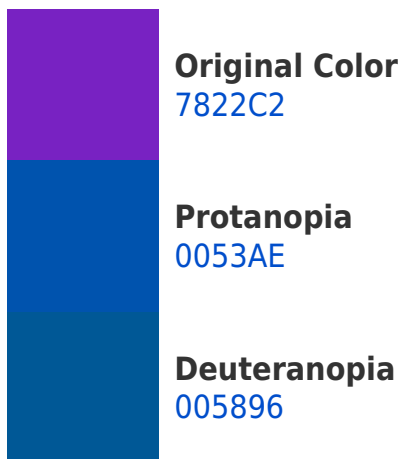


This preview shows how white text looks on a background with the Hex color 7822C2.

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
625157

Trichromacy



Original Color
7822C2



Protanomaly
2C41B5



Deuteranomaly
2C44A6



Tritanomaly
6A407E

Monochromacy



Original Color
7822C2



Achromatopsia
4E4E4E



Achromatomaly
5D3E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 7822C2 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 #7822C2 looks like.

```
.text, #text, p{  
    color:#7822C2  
}
```

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 #7822C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7822C2
}
```

Border

The CSS property to change the border of an element to Hex 7822C2 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
#7822C2 }
```

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

```
.border{ border-color:#7822C2 }
```

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

Here you see how a box with a 4 pixel #7822C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7822C2; -webkit-box-shadow:4px 4px  
4px 4px #7822C2; box-shadow:4px 4px 4px  
4px #7822C2 }
```

Background

The CSS property to change the background color of an element to Hex 7822C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7822C2 }
```

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

```
.background{ background-color:#7822C2 }
```

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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