

Converting Colors

Hex(785CD2)

Have a look what the booklet for
Hex(785CD2) contains.

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Color

Hex(785CD2)

Conversions

Conversions Part 1

Format	Color
Hex	785CD2
RGB	120, 92, 210
RGB Percent	47%, 36%, 82%
CMY	0.5294, 0.6392, 0.1765
CMYK	0.43, 0.56, 0.00, 0.18
HSL	254°, 57%, 59%
HSV	254°, 56%, 82%
XYZ	23.2057, 16.3005, 62.8960
YIQ	113.8240, -21.1900, 42.6340

Conversions

Conversions Part 2

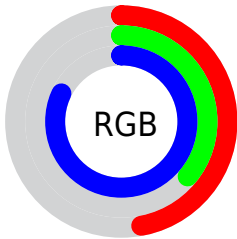
Format	Color
R _Y B	120, 92, 210
Decimal	7888082
CIE Lab	47.37, 39.37, -57.31
CIE LCh	47, 69.534, 304.489
Yxy	16.3005, 0.2266, 0.1592
Android (android.graphics.Color)	4286078162 (0xFF785CD2)
YUV	113.8240, 47.4148, 5.4164
Hunter-Lab	40.3739, 31.9423, -64.1025

Details

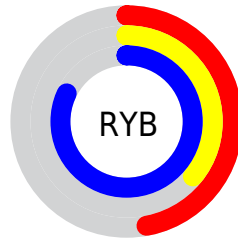
The Hex color **785CD2** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **B6D25C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B18FFF**, and **3E2C9B** is the 20% darker color. If you saturate the color by 10%, you get **6847D2**, and if you desaturate by 10%, it is **8871D2**.

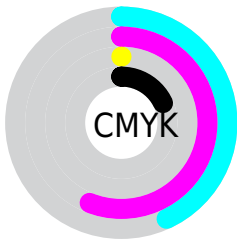
Distribution



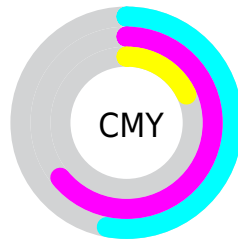
- Red (47%)
- Green (36%)
- Blue (82%)



- Red (47%)
- Yellow (36%)
- Blue (82%)



- Cyan (43%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (53%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785CD2 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 785CD2 by changing the saturation by 10% instead.

 785CD2

 785CD2

FFFFFF

 5C44B6

 B18FFF

 3E2C9B

 CEA AFF

 1D1680

 ECC5FF


 000166

 FFE2FF

 00004D

FFFEFF

 000535

 00021F

 000003

 000000

785CD2

785CD2

6847D2

8871D2

5832D2

9886D2

481DD2

A89BD2

3808D2

B8B0D2

3200D2

C8C5D2

D8DAD2

E8EFD2

F8FFD2

FFFFD2

Harmonies

Analogous

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



0075E6



785CD2



BC3AA4

Triad

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



785CD2



AF5A00



008978

Complementary

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



785CD2



B6D25C

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.



00863A



785CD2



817100

Square

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



785CD2



CE3A31



427F00



0089B2

Rectangle

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



785CD2



D0267E



427F00



008963

Sweetspot

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



785CD2



DED4FF



5CB6D2



6C6680



000000



808080

Same Dimension

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



785CD2



7D54FF



B35CD2



615E69



2800A8



0A0029

Inverse Universe

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



D25CB6



FF54D6



7BD25C



695E66



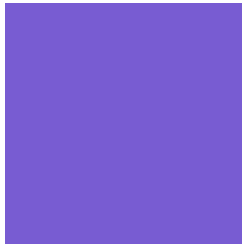
A80080



29001F

Previews

White Background



This preview shows how the Hex color 785CD2 looks on a white background.

Color Contrast Check

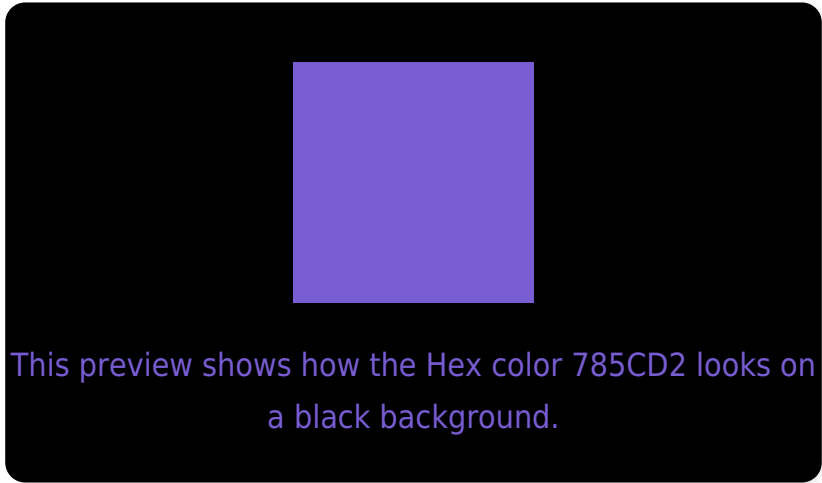
Large Text (above 18pt) WCAG AA ✓ Pass

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 785CD2 Background



This preview shows how black text looks on a background with the Hex color 785CD2.

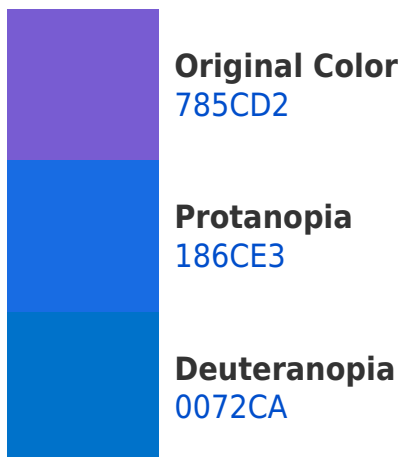


This preview shows how white text looks on a background with the Hex color 785CD2.

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](#).

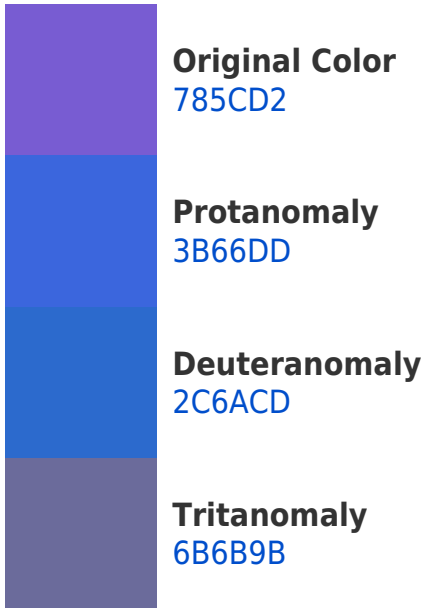
Dichromacy





Tritanopia
63737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 785CD2 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 #785CD2 looks like.

```
.text, #text, p{  
    color:#785CD2  
}
```

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 #785CD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785CD2
}
```

Border

The CSS property to change the border of an element to Hex 785CD2 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
#785CD2 }
```

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

```
.border{ border-color:#785CD2 }
```

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

Here you see how a box with a 4 pixel #785CD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785CD2; -webkit-box-shadow:4px 4px  
4px 4px #785CD2; box-shadow:4px 4px 4px  
4px #785CD2 }
```

Background

The CSS property to change the background color of an element to Hex 785CD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785CD2 }
```

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

```
.background{ background-color:#785CD2 }
```

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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