

Converting Colors

Hex(785CA7)

Have a look what the booklet for
Hex(785CA7) contains.

Hex(785CA7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(785CA7)

Conversions

Conversions Part 1

Format	Color
Hex	785CA7
RGB	120, 92, 167
RGB Percent	47%, 36%, 65%
CMY	0.5294, 0.6392, 0.3451
CMYK	0.28, 0.45, 0.00, 0.35
HSL	262°, 30%, 51%
HSV	262°, 45%, 65%
XYZ	18.5479, 14.4374, 38.3683
YIQ	108.9220, -7.3870, 29.2610

Conversions

Conversions Part 2

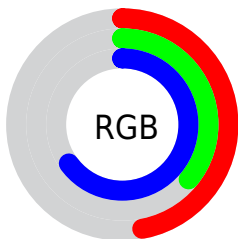
Format	Color
R_{YB}	120, 92, 167
Decimal	7888039
CIE _{Lab}	44.85, 27.72, -36.34
CIE _{LCh}	45, 45.706, 307.328
Yxy	14.4374, 0.2599, 0.2023
Android (android.graphics.Color)	4286078119 (0xFF785CA7)
YUV	108.9220, 28.6325, 9.7154
Hunter-Lab	37.9966, 20.6404, -33.2725

Details

The Hex color **785CA7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8BA75C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **AE8FDF**, and **452D72** is the 20% darker color. If you saturate the color by 10%, you get **6E4BA7**, and if you desaturate by 10%, it is **826DA7**.

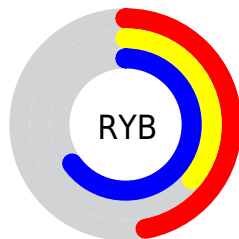
Distribution



Red (47%)

Green (36%)

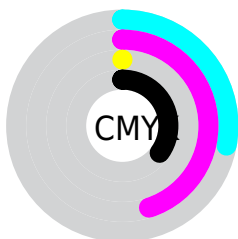
Blue (65%)



Red (47%)

Yellow (36%)

Blue (65%)

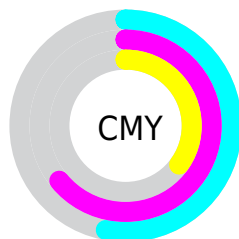


Cyan (28%)

Magenta (45%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (64%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 785CA7 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 785CA7 by changing the saturation by 10% instead.

785CA7

785CA7

FFFFFF

5E448C

AE8FDF

452D72

CAA9FB

2B175A

E7C5FF

120142

FFE1FF

00002B

FFFEFF

000115

000000

785CA7

785CA7

6E4BA7

826DA7

633BA7

8D7DA7

592AA7

978EA7

4E19A7

A29FA7

4409A7

ACB0A7

3E00A7

B7C0A7

C1D1A7

CCE2A7

D6F2A7

Harmonies

Analogous

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



2A6BB6



785CA7



9F4D88

Triad

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



785CA7



955D21



007C73

Complementary

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



785CA7



8BA75C

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.



007A4B



785CA7



756B16

Square

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



785CA7



AA4E3E



4D7529



007B97

Rectangle

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



785CA7



AC476F



4D7529



007C65

Sweetspot

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



785CA7



C7BDD9



5C8BA7



635C6E



EDEDED



6E6E6E

Same Dimension

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



785CA7



8F64D9



9D5CA7



4F4C54



370094



080014

Inverse Universe

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



A75C8B



D964AD



66A75C



544C51



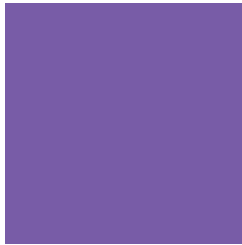
94005D



14000D

Previews

White Background



This preview shows how the Hex color 785CA7 looks on a white background.

Color Contrast Check

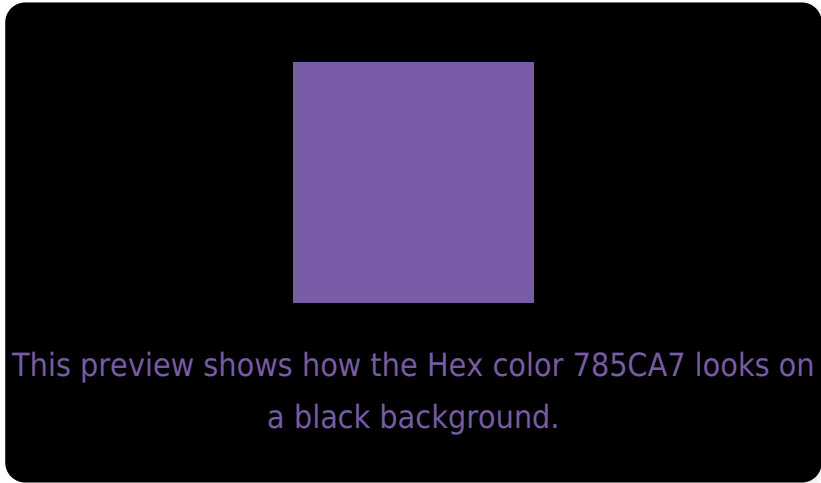
Large Text (above 18pt) WCAG AA ✓ Pass

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

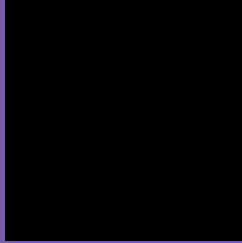
Any Text WCAG AA × Fail

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 785CA7 Background



This preview shows how black text looks on a background with the Hex color 785CA7.

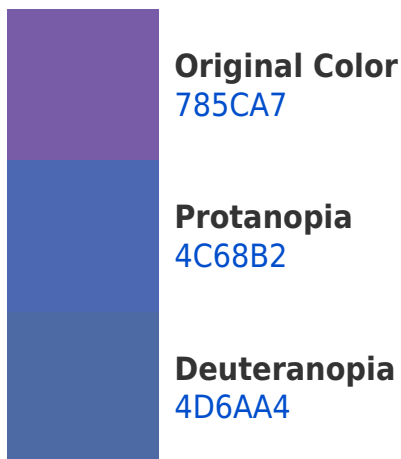



This preview shows how white text looks on a background with the Hex color 785CA7.

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
6E6871

Trichromacy



Original Color
785CA7

Protanomaly
5C64AE

Deuteranomaly
5D65A5

Tritanomaly
726485

Monochromacy



Original Color
785CA7

Achromatopsia
6D6D6D

Achromatomaly
716782

CSS Examples

Text

The CSS property to change the color of the text to Hex 785CA7 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 #785CA7 looks like.

```
.text, #text, p{  
    color:#785CA7  
}
```

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 #785CA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785CA7
}
```

Border

The CSS property to change the border of an element to Hex 785CA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

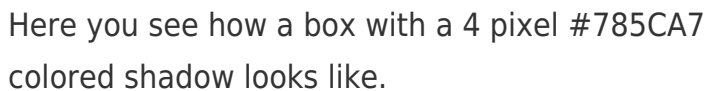
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#785CA7 }
```

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

```
.border{ border-color:#785CA7 }
```

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



Here you see how a box with a 4 pixel #785CA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785CA7; -webkit-box-shadow:4px 4px  
4px 4px #785CA7; box-shadow:4px 4px 4px  
4px #785CA7 }
```

Background

The CSS property to change the background color of an element to Hex 785CA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785CA7 }
```

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

```
.background{ background-color:#785CA7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor