

# Converting Colors

Hex(785EA9)

Have a look what the booklet for  
Hex(785EA9) contains.

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# Color

Hex(785EA9)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785EA9
RGB	120, 94, 169
RGB Percent	47%, 37%, 66%
CMY	0.5294, 0.6314, 0.3373
CMYK	0.29, 0.44, 0.00, 0.34
HSL	261°, 30%, 52%
HSV	261°, 44%, 66%
XYZ	18.9099, 14.8630, 39.4083
YIQ	110.3240, -8.5790, 28.8370

# Conversions

## Conversions Part 2

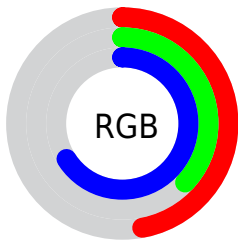
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 94, 169
Decimal	7888553
CIE <sub>Lab</sub>	45.45, 27.04, -36.59
CIE <sub>LCh</sub>	45, 45.494, 306.462
Yxy	14.8630, 0.2584, 0.2031
Android (android.graphics.Color)	4286078633 (0xFF785EA9)
YUV	110.3240, 28.9273, 8.4859
Hunter-Lab	38.5526, 20.0862, -33.6191

# Details

The Hex color **785EA9** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **8FA95E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AE91E1**, and **452F74** is the 20% darker color. If you saturate the color by 10%, you get **6D4DA9**, and if you desaturate by 10%, it is **836FA9**.

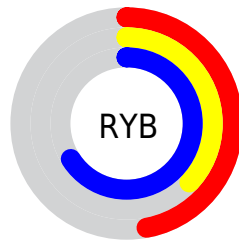
# Distribution



Red (47%)

Green (37%)

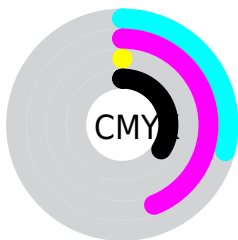
Blue (66%)



Red (47%)

Yellow (37%)

Blue (66%)

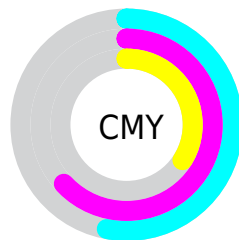


Cyan (29%)

Magenta (44%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (63%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 785EA9 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 785EA9 by changing the saturation by 10% instead.



785EA9

785EA9

FFFFFF

5E468E

AE91E1

452F74

CAABFD

2B195B

E7C7FF

110343

FFE3FF

00002D

000117

000000

785EA9

785EA9

6D4DA9

836FA9

623CA9

8E80A9

572BA9

9991A9

4C1AA9

A4A2A9

410AA9

AFB2A9

3B00A9

BAC3A9

C5D4A9

D0E5A9

DBF6A9

# Harmonies

## Analogous

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



296DB7



785EA9



A04F8B

# Triad

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



785EA9



985F24



007E73

# Complementary

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



785EA9



8FA95E

# 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.



007C4C



785EA9



786C18

# Square

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



785EA9



AC5040



50762A



007D98

# Rectangle

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



785EA9



AD4972



50762A



007E66



# Sweetspot

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



785EA9



C9BFDB



5E90A9



625C6E



EDEDED



6E6E6E



# Same Dimension

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



785EA9



8F67DB



9D5EA9



4F4C54



330094



070014



# Inverse Universe

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



A95E8F



DB67B3



6AA95E



544C51



940061

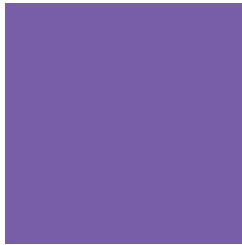


14000D



# Previews

## White Background



This preview shows how the Hex color 785EA9 looks on a white background.

## Color Contrast Check

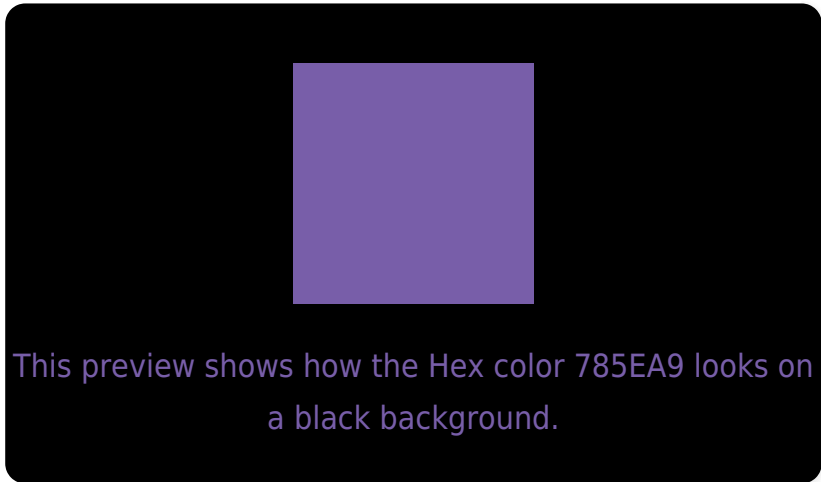
Large Text (above 18pt) WCAG AA ✓ Pass

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

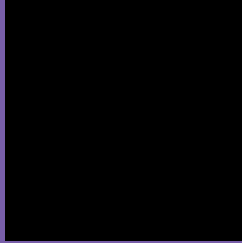
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785EA9 Background



This preview shows how black text looks on a background with the Hex color 785EA9.

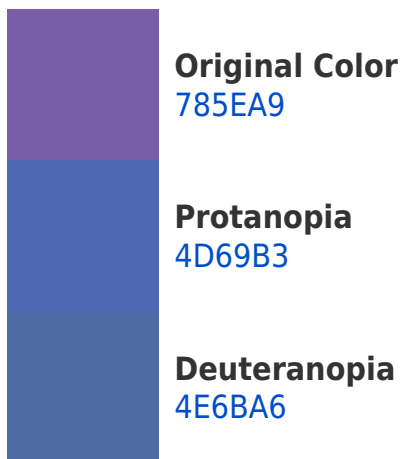


This preview shows how white text looks on a background with the Hex color 785EA9.

# 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](#).

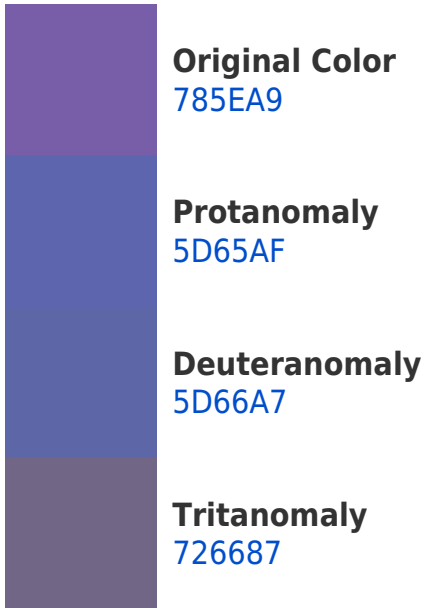
## Dichromacy





**Tritanopia**  
6E6A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 785EA9 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 #785EA9 looks like.

```
.text, #text, p{  
    color:#785EA9  
}
```

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 #785EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #785EA9
}
```

## Border

The CSS property to change the border of an element to Hex 785EA9 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
#785EA9 }
```

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

```
.border{ border-color:#785EA9 }
```

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

Here you see how a box with a 4 pixel #785EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #785EA9; -webkit-box-shadow:4px 4px  
4px 4px #785EA9; box-shadow:4px 4px 4px  
4px #785EA9 }
```

# Background

The CSS property to change the background color of an element to Hex 785EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#785EA9 }
```

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

```
.background{ background-color:#785EA9 }
```

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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