

# Converting Colors

Hex(785FAA)

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

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# Color

**Hex(785FAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	785FAA
RGB	120, 95, 170
RGB Percent	47%, 37%, 67%
CMY	0.5294, 0.6275, 0.3333
CMYK	0.29, 0.44, 0.00, 0.33
HSL	260°, 31%, 52%
HSV	260°, 44%, 67%
XYZ	19.0936, 15.0798, 39.9346
YIQ	111.0250, -9.1750, 28.6250

# Conversions

## Conversions Part 2

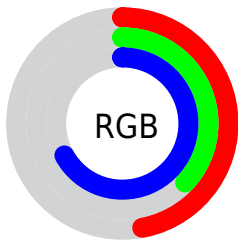
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 95, 170
Decimal	7888810
CIE <sub>Lab</sub>	45.74, 26.70, -36.71
CIE <sub>LCh</sub>	46, 45.390, 306.029
Yxy	15.0798, 0.2576, 0.2035
Android (android.graphics.Color)	4286078890 (0xFF785FAA)
YUV	111.0250, 29.0747, 7.8711
Hunter-Lab	38.8327, 19.8095, -33.7895

# Details

The Hex color **785FAA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **91AA5F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AE92E2**, and **443075** is the 20% darker color. If you saturate the color by 10%, you get **6D4EAA**, and if you desaturate by 10%, it is **8370AA**.

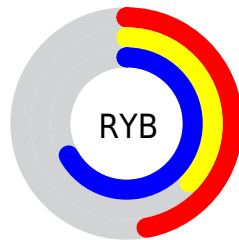
# Distribution



Red (47%)

Green (37%)

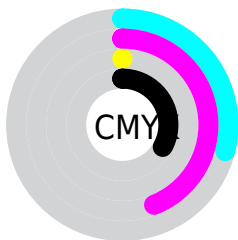
Blue (67%)



Red (47%)

Yellow (37%)

Blue (67%)

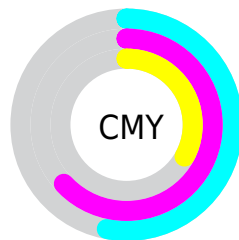


Cyan (29%)

Magenta (44%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (63%)

Yellow (33%)

# Brightness & Saturation Gradients

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



785FAA

785FAA

FFFFFF

5E478F

AE92E2

443075

CAADFF

2B1A5C

E7C8FF

110544

FFE4FF

00002D

000118

000000

785FAA

785FAA

6D4EAA

8370AA

613DAA

8F81AA

562CAA

9A92AA

4B1BAA

A5A3AA

3F0AAA

B1B4AA

3900AA

BCC5AA

C7D6AA

D3E7AA

DEF8AA

# Harmonies

## Analogous

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



286EB8



785FAA



A0508C

# Triad

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



785FAA



995F25



007F73

# Complementary

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



785FAA



91AA5F

# 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.



047C4C



785FAA



796D19

# Square

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



785FAA



AD5042



52772B



007E98

# Rectangle

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



785FAA



AE4A73



52772B



007E66



# Sweetspot

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



785FAA



CBC1DE



5F91AA



645E70



F0F0F0



707070



# Same Dimension

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



785FAA



8F68DE



9E5FAA



4F4C54



310094



070014



# Inverse Universe

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



AA5F91



DE68B7



6BAA5F



544C51



940063

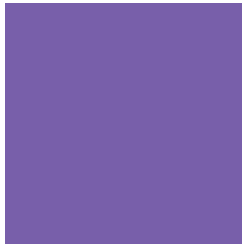


14000E



# Previews

## White Background



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

## Color Contrast Check

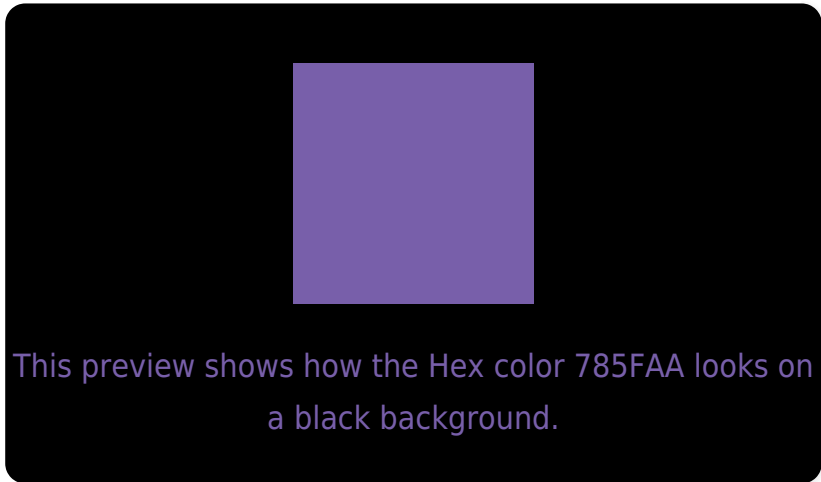
Large Text (above 18pt) WCAG AA ✓ Pass

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

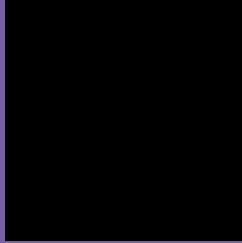
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 785FAA Background



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

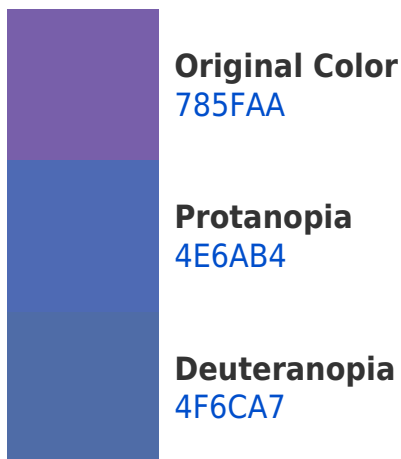


This preview shows how white text looks on a background with the Hex color 785FAA.

# 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](#).

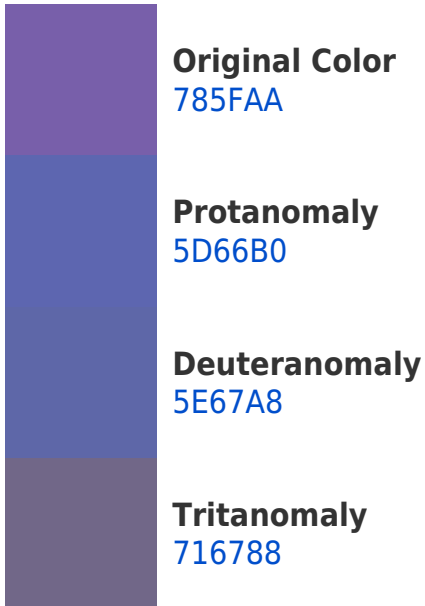
## Dichromacy



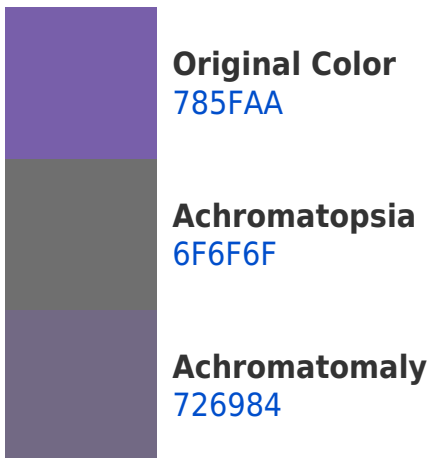


**Tritanopia**  
6D6B74

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #785FAA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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