

# Converting Colors

Hex(7F85F6)

Have a look what the booklet for  
Hex(7F85F6) contains.

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# **Color**

**Hex(7F85F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F85F6
RGB	127, 133, 246
RGB Percent	50%, 52%, 96%
CMY	0.5020, 0.4784, 0.0353
CMYK	0.48, 0.46, 0.00, 0.04
HSL	237°, 87%, 73%
HSV	237°, 48%, 96%
XYZ	33.7745, 27.9409, 90.8018
YIQ	144.0880, -39.8490, 33.8710

# Conversions

## Conversions Part 2

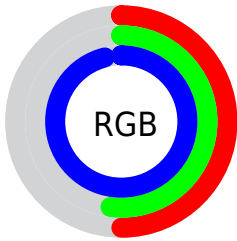
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 133, 246
Decimal	8357366
CIE <sub>Lab</sub>	59.84, 27.27, -57.50
CIE <sub>LCh</sub>	60, 63.642, 295.375
Yxy	27.9409, 0.2214, 0.1832
Android (android.graphics.Color)	4286547446 (0xFF7F85F6)
YUV	144.0880, 50.2426, -14.9862
Hunter-Lab	52.8592, 21.5495, -64.8473

# Details

The Hex color **7F85F6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F6F07F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B9BAFF**, and **4354BD** is the 20% darker color. If you saturate the color by 10%, you get **666EF6**, and if you desaturate by 10%, it is **989CF6**.

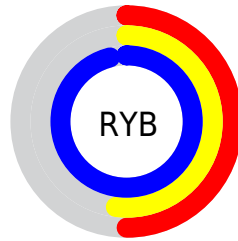
# Distribution



Red (50%)

Green (52%)

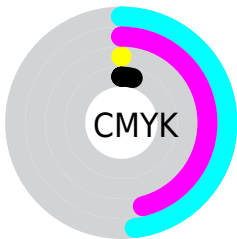
Blue (96%)



Red (50%)

Yellow (52%)

Blue (96%)

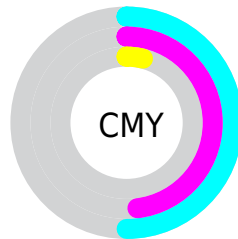


Cyan (48%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (50%)

Magenta (48%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F85F6 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 7F85F6 by changing the saturation by 10% instead.



 7F85F6

 7F85F6

FFFFFF

 626CD9

 B9BAFF

 4354BD

 D7D6FF

 1D3DA1

 F5F2FF

 002787

 00146D

 000054

 00063B

 000225

 00010D

 7F85F6

 7F85F6

 666EF6

 989CF6

 4E56F6

 B0B4F6

 353FF6

 C9CBF6

 1D28F6

 E1E2F6

 0410F6

 FAFAF6

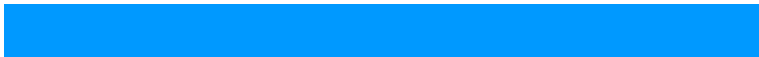
 000CF6

 FFFFF6

# Harmonies

## Analogous

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



0099FF



7F85F6



CB6CD1

# Triad

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



7F85F6



DC7433



00AA85

# Complementary

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



7F85F6



F6F07F

# 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.



2AA54D



7F85F6



B38B08

# Square

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



7F85F6



F35E64



7D9B1B



00AABF

# Rectangle

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



7F85F6



E75DAE



7D9B1B



00A972



# Sweetspot

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



7F85F6



D9DBFF



7FF6EE



696A80



000000



808080



# Same Dimension

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



7F85F6



6B73FF



B37FF6



6E6F7A



0009BA



00033B



# Inverse Universe

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



F67F85



FF6B73



C2F67F



7A6E6F



BA0009

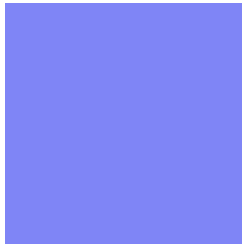


3B0003



# Previews

## White Background



This preview shows how the Hex color 7F85F6 looks on a white background.

## Color Contrast Check

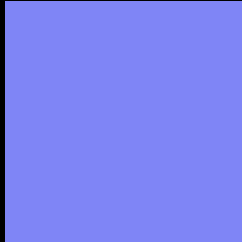
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7F85F6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

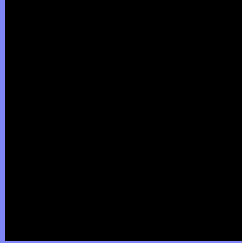
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F85F6 Background



This preview shows how black text looks on a background with the Hex color 7F85F6.



This preview shows how white text looks on a background with the Hex color 7F85F6.

# 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](#).

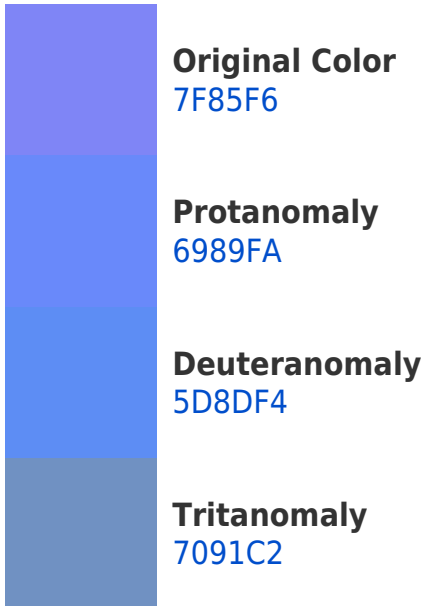
## Dichromacy



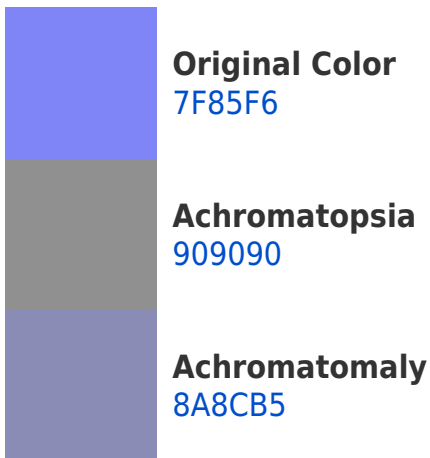


**Tritanopia**  
6798A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F85F6 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 #7F85F6 looks like.

```
.text, #text, p{  
    color:#7F85F6  
}
```

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 #7F85F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F85F6
}
```

## Border

The CSS property to change the border of an element to Hex 7F85F6 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
#7F85F6 }
```

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

```
.border{ border-color:#7F85F6 }
```

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

Here you see how a box with a 4 pixel #7F85F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F85F6; -webkit-box-shadow:4px 4px  
4px 4px #7F85F6; box-shadow:4px 4px 4px  
4px #7F85F6 }
```

# Background

The CSS property to change the background color of an element to Hex 7F85F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F85F6 }
```

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

```
.background{ background-color:#7F85F6 }
```

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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