

# Converting Colors

Hex(7985F9)

Have a look what the booklet for  
Hex(7985F9) contains.

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# Color

**Hex(7985F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7985F9
RGB	121, 133, 249
RGB Percent	47%, 52%, 98%
CMY	0.5255, 0.4784, 0.0235
CMYK	0.51, 0.47, 0.00, 0.02
HSL	234°, 91%, 73%
HSV	234°, 51%, 98%
XYZ	33.3716, 27.6796, 93.2063
YIQ	142.6360, -44.3880, 33.5320

# Conversions

## Conversions Part 2

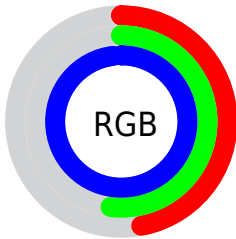
Format	Color
R <sub>Y</sub> B	121, 132, 249
Decimal	7964153
CIE Lab	59.60, 26.88, -59.56
CIE LCh	60, 65.344, 294.292
Yxy	27.6796, 0.2163, 0.1794
Android (android.graphics.Color)	4286154233 (0xFF7985F9)
YUV	142.6360, 52.4375, -18.9748
Hunter-Lab	52.6114, 21.1533, -68.2103

# Details

The Hex color **7985F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F9ED79**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B4BAFF**, and **3A54C0** is the 20% darker color. If you saturate the color by 10%, you get **606EF9**, and if you desaturate by 10%, it is **929CF9**.

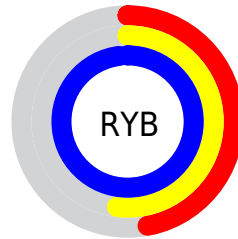
# Distribution



Red (47%)

Green (52%)

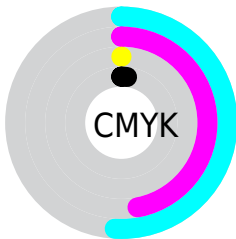
Blue (98%)



Red (47%)

Yellow (52%)

Blue (98%)

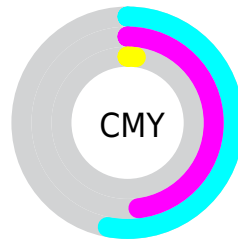


Cyan (51%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (53%)

Magenta (48%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7985F9 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 7985F9 by changing the saturation by 10% instead.



 7985F9

 7985F9

FFFFFF

 5B6CDC

 B4BAFF

 3A54C0

 D2D6FF

 083DA4

 F0F2FF

 002889

 00156F

 000056

 00063E

 000327

 000110

 7985F9

 7985F9

 606EF9

 929CF9

 4758F9

 ABB2F9

 2E41F9

 C4C9F9

 152BF9

 DDDFF9

 0017F9

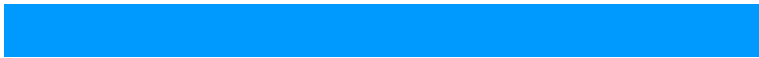
 F6F6F9

 FFFFF9

# Harmonies

## Analogous

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



009AFF



7985F9



CA6AD3

# Triad

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



7985F9



DE7131



00A982

# Complementary

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



7985F9



F9ED79

# 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.



28A548



7985F9



B58900

# Square

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



7985F9



F55B64



7E9A12



00AABD

# Rectangle

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



7985F9



E75BB0



7E9A12



00A86E



# Sweetspot

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



7985F9



D9DCFF



79F9EC



696B80



000000



808080



# Same Dimension

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



7985F9



6170FF



AC79F9



70727D



0012BD



00063D



# Inverse Universe

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



F97985



FF6170



C6F979



7D7072



BD0012

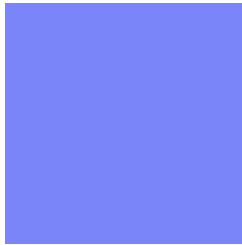


3D0006



# Previews

## White Background



This preview shows how the Hex color 7985F9 looks on a white background.

## Color Contrast Check

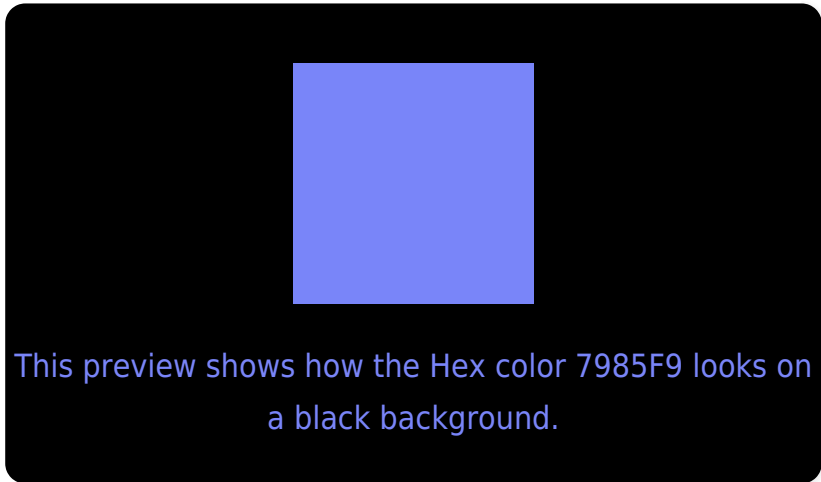
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

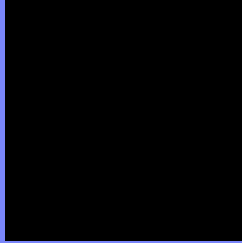
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7985F9 Background



This preview shows how black text looks on a background with the Hex color 7985F9.



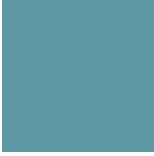
This preview shows how white text looks on a background with the Hex color 7985F9.

# 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](#).

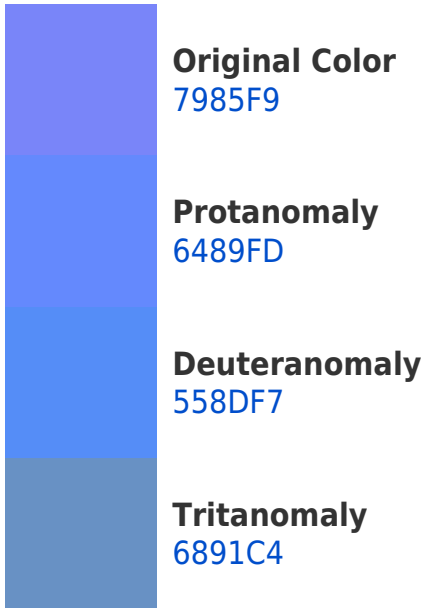
## Dichromacy





**Tritanopia**  
5E98A5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7985F9 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 #7985F9 looks like.

```
.text, #text, p{  
    color:#7985F9  
}
```

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 #7985F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7985F9
}
```

## Border

The CSS property to change the border of an element to Hex 7985F9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

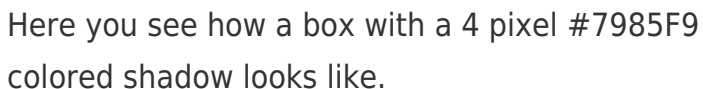
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7985F9 }
```

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

```
.border{ border-color:#7985F9 }
```

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



Here you see how a box with a 4 pixel #7985F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7985F9; -webkit-box-shadow:4px 4px  
4px 4px #7985F9; box-shadow:4px 4px 4px  
4px #7985F9 }
```

# Background

The CSS property to change the background color of an element to Hex 7985F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7985F9 }
```

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

```
.background{ background-color:#7985F9 }
```

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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