

# Converting Colors

Hex(7F84F9)

Have a look what the booklet for  
Hex(7F84F9) contains.

<b>Hex(7F84F9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7F84F9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F84F9
RGB	127, 132, 249
RGB Percent	50%, 52%, 98%
CMY	0.5020, 0.4824, 0.0235
CMYK	0.49, 0.47, 0.00, 0.02
HSL	238°, 91%, 74%
HSV	238°, 49%, 98%
XYZ	34.1025, 27.8541, 93.2015
YIQ	143.8430, -40.5370, 35.3270

# Conversions

## Conversions Part 2

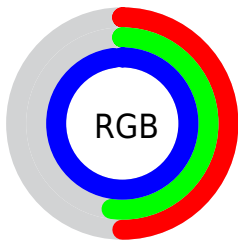
Format	Color
R <sub>Y</sub> B	127, 132, 249
Decimal	8357113
CIE Lab	59.76, 28.76, -59.28
CIE LCh	60, 65.888, 295.876
Yxy	27.8541, 0.2198, 0.1795
Android (android.graphics.Color)	4286547193 (0xFF7F84F9)
YUV	143.8430, 51.8424, -14.7713
Hunter-Lab	52.7770, 22.9804, -67.7593

# Details

The Hex color **7F84F9** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **F9F47F**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **BAB9FF**, and **4253C0** is the 20% darker color. If you saturate the color by 10%, you get **666CF9**, and if you desaturate by 10%, it is **989CF9**.

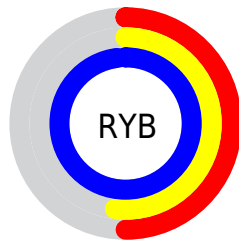
# Distribution



Red (50%)

Green (52%)

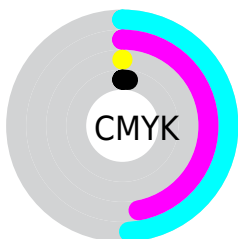
Blue (98%)



Red (50%)

Yellow (52%)

Blue (98%)

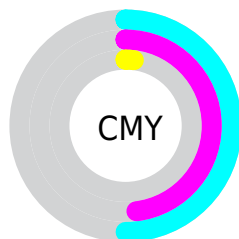


Cyan (49%)

Magenta (47%)

Yellow (0%)

Black (2%)



Cyan (50%)

Magenta (48%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F84F9 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 7F84F9 by changing the saturation by 10% instead.



 7F84F9

 7F84F9

FFFFFF

 616BDC

 BAB9FF

 4253C0

 D7D5FF

 1B3CA4

 F5F1FF

 002789

 00136F

 000056

 00063E

 000327

 000110

 7F84F9

 7F84F9

 666CF9

 989CF9

 4D54F9

 B1B4F9

 343CF9

 CACCF9

 1B24F9

 E3E4F9

 030DF9

 FCFBF9

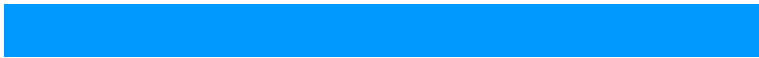
 000AF9

 FFFFF9

# Harmonies

## Analogous

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



0099FF



7F84F9



CE69D2

# Triad

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



7F84F9



DD732E



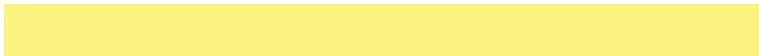
00AA86

# Complementary

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



7F84F9



F9F47F

# 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.



1CA64B



7F84F9



B38B00

# Square

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



7F84F9



F55B61



7B9B13



00ABC1

# Rectangle

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



7F84F9



EA5AAE



7B9B13



00A972



# Sweetspot

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



7F84F9



D9DAFF



7FF9F3



696980



000000



808080



# Same Dimension

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



7F84F9



696FFF



B67FF9



70717D



0008BD



00033D



# Inverse Universe

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



F97F84



FF696F



C2F97F



7D7071



BD0008

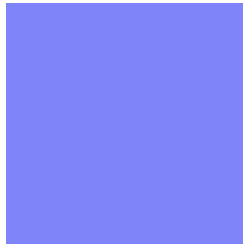


3D0003



# Previews

## White Background



This preview shows how the Hex color 7F84F9 looks on a white background.

## Color Contrast Check

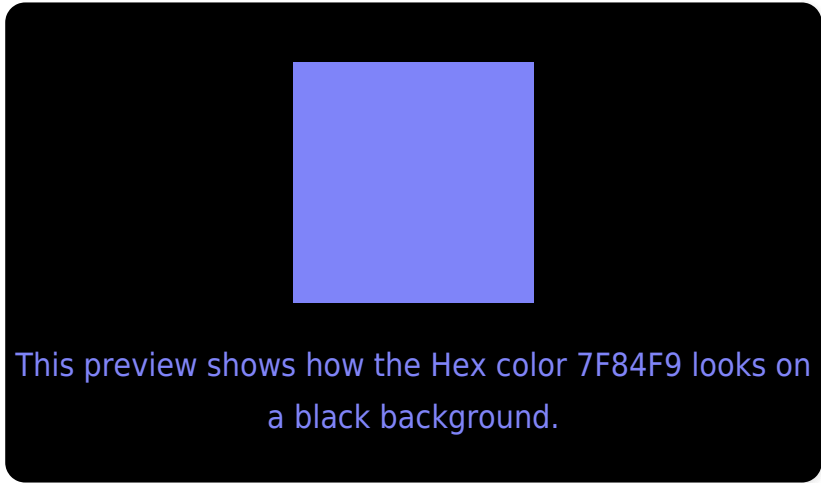
Large Text (above 18pt) WCAG AA ✓ Pass

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

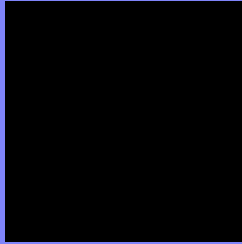
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F84F9 Background



This preview shows how black text looks on a background with the Hex color 7F84F9.



This preview shows how white text looks on a background with the Hex color 7F84F9.

# 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



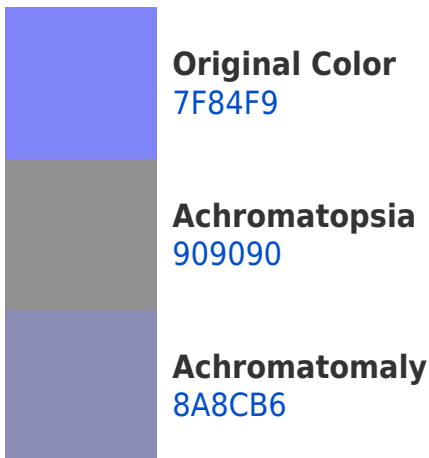


**Tritanopia**  
6598A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F84F9 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 #7F84F9 looks like.

```
.text, #text, p{  
    color:#7F84F9  
}
```

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 #7F84F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F84F9
}
```

## Border

The CSS property to change the border of an element to Hex 7F84F9 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
#7F84F9 }
```

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

```
.border{ border-color:#7F84F9 }
```

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

Here you see how a box with a 4 pixel #7F84F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F84F9; -webkit-box-shadow:4px 4px  
4px 4px #7F84F9; box-shadow:4px 4px 4px  
4px #7F84F9 }
```

# Background

The CSS property to change the background color of an element to Hex 7F84F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F84F9 }
```

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

```
.background{ background-color:#7F84F9 }
```

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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