

# Converting Colors

Hex(3798F9)

Have a look what the booklet for  
Hex(3798F9) contains.

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# **Color**

**Hex(3798F9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3798F9
RGB	55, 152, 249
RGB Percent	22%, 60%, 98%
CMY	0.7843, 0.4039, 0.0235
CMYK	0.78, 0.39, 0.00, 0.02
HSL	210°, 94%, 60%
HSV	210°, 78%, 98%
XYZ	29.9027, 30.1083, 93.8580
YIQ	134.0550, -88.9490, 9.6030

# Conversions

## Conversions Part 2

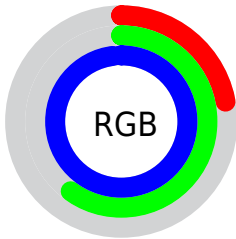
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	55, 120, 249
Decimal	3643641
CIE Lab	61.75, 4.95, -56.29
CIE LCh	62, 56.511, 275.020
Yxy	30.1083, 0.1943, 0.1957
Android (android.graphics.Color)	4281833721 (0xFF3798F9)
YUV	134.0550, 56.6679, -69.3312
Hunter-Lab	54.8710, 1.2517, -63.0071

# Details

The Hex color **3798F9** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **F99837**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **80CEFF**, and **0066C0** is the 20% darker color. If you saturate the color by 10%, you get **1E8CF9**, and if you desaturate by 10%, it is **50A4F9**.

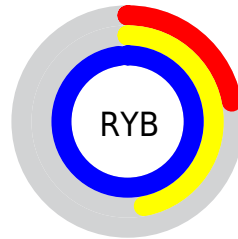
# Distribution



Red (22%)

Green (60%)

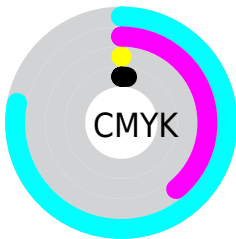
Blue (98%)



Red (22%)

Yellow (47%)

Blue (98%)

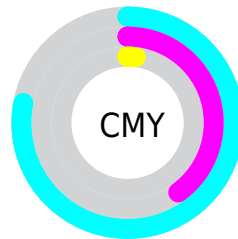


Cyan (78%)

Magenta (39%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (40%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3798F9 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 3798F9 by changing the saturation by 10% instead.



 3798F9

 3798F9


FFFFFF

 007EDC

 80CEFF

 0066C0

 A0EAFF

 004EA4

 C0FFFF

 00388A

 DFFFFFF

 00246F

FEFFFF

 000E56

 00063E

 000327

 000111

■ 3798F9

■ 3798F9

■ 1E8CF9

■ 50A4F9

■ 057FF9

■ 69B1F9

■ 007DF9

■ 82BDF9

■ 9BCAF9

■ B3D6F9

■ CCE3F9

■ E5EFF9

■ FEFCF9

■ FFFFF9

# Harmonies

## Analogous

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



00A5EF



3798F9



A284E8

# Triad

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



3798F9



EB705E



1AAA69

# Complementary

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



3798F9



F99837

# 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.



74A33E



3798F9



D18338

# Square

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



3798F9



F0678F



A89528



00AD9C

# Rectangle

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



3798F9



CA76CF



A89528



45A859

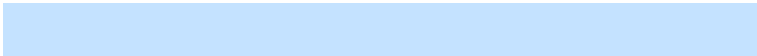


# Sweetspot

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



3798F9



C4E2FF



37F998



5C6E80



000000



808080



# Same Dimension

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



3798F9



1288FF



3737F9



70777D



005EBD



001F3D



# Inverse Universe

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



F93798



FF1288



F9F937



7D7077



BD005E



3D001F



# Previews

## White Background



This preview shows how the Hex color 3798F9 looks on a white background.

## Color Contrast Check

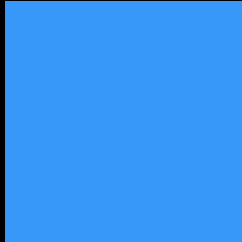
Large Text (above 18pt) WCAG AA × Fail

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 3798F9 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 ✓ Pass

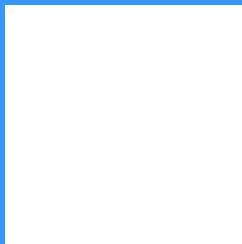
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3798F9 Background



This preview shows how black text looks on a background with the Hex color 3798F9.

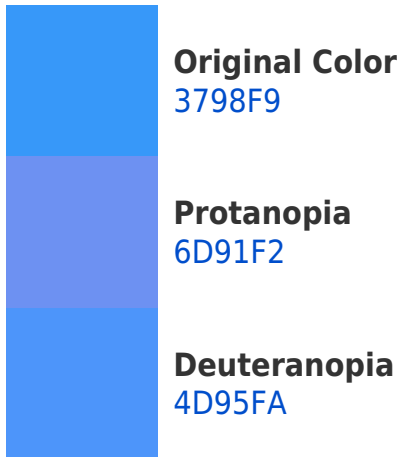


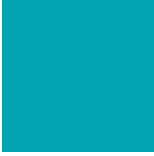
This preview shows how white text looks on a background with the Hex color 3798F9.

# 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](#).

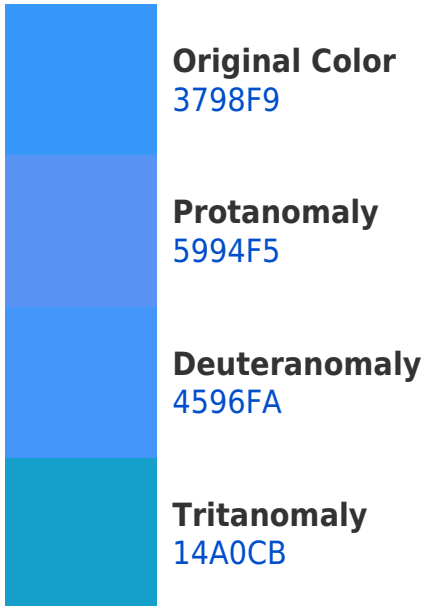
## Dichromacy



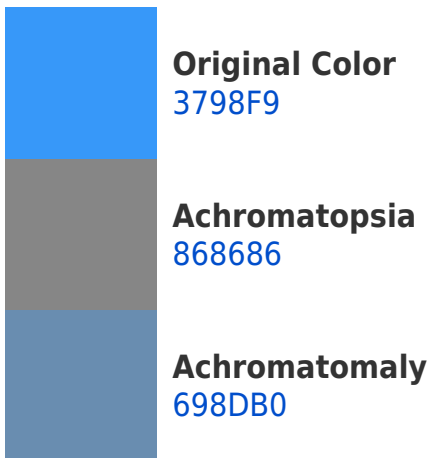


**Tritanopia**  
00A5B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3798F9 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 #3798F9 looks like.

```
.text, #text, p{  
    color:#3798F9  
}
```

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 #3798F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3798F9
}
```

## Border

The CSS property to change the border of an element to Hex 3798F9 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
#3798F9 }
```

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

```
.border{ border-color:#3798F9 }
```

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

Here you see how a box with a 4 pixel #3798F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3798F9; -webkit-box-shadow:4px 4px  
4px 4px #3798F9; box-shadow:4px 4px 4px  
4px #3798F9 }
```

# Background

The CSS property to change the background color of an element to Hex 3798F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3798F9 }
```

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

```
.background{ background-color:#3798F9 }
```

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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