

# Converting Colors

Hex(3480F3)

Have a look what the booklet for  
Hex(3480F3) contains.

<b>Hex(3480F3)</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(3480F3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3480F3
RGB	52, 128, 243
RGB Percent	20%, 50%, 95%
CMY	0.7961, 0.4980, 0.0471
CMYK	0.79, 0.47, 0.00, 0.05
HSL	216°, 89%, 58%
HSV	216°, 79%, 95%
XYZ	25.3130, 22.6395, 87.8297
YIQ	118.3860, -82.2110, 19.6530

# Conversions

## Conversions Part 2

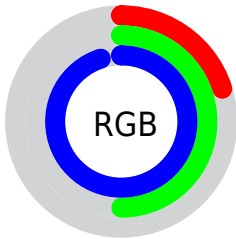
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 106, 243
Decimal	3440883
CIE Lab	54.70, 16.95, -64.28
CIE LCh	55, 66.479, 284.775
Yxy	22.6395, 0.1864, 0.1667
Android (android.graphics.Color)	4281630963 (0xFF3480F3)
YUV	118.3860, 61.4347, -58.2205
Hunter-Lab	47.5810, 11.6951, -76.1368

# Details

The Hex color **3480F3** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **F3A734**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7EB4FF**, and **0050BA** is the 20% darker color. If you saturate the color by 10%, you get **1C71F3**, and if you desaturate by 10%, it is **4C8FF3**.

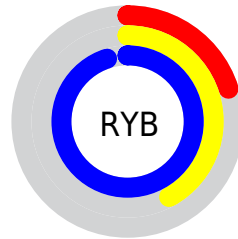
# Distribution



Red (20%)

Green (50%)

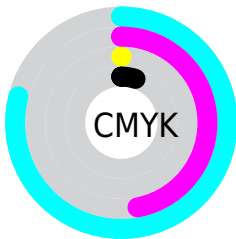
Blue (95%)



Red (20%)

Yellow (42%)

Blue (95%)

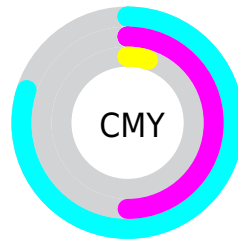


Cyan (79%)

Magenta (47%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (50%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3480F3 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 3480F3 by changing the saturation by 10% instead.



 3480F3

 3480F3

FFFFFF

 0067D6

 7EB4FF

 0050BA

 9ECFFF

 003A9E

 BDECFF

 002684

 DCFFFF

 00136A

 FBFFFF

 000B51

 000539

 000222

 000008

■ 3480F3

■ 3480F3

■ 1C71F3

■ 4C8FF3

■ 0363F3

■ 659DF3

■ 0061F3

■ 7DACF3

■ 95BBF3

■ ADC9F3

■ C6D8F3

■ DEE6F3

■ F6F5F3

■ FFFFF3

# Harmonies

## Analogous

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



0092F2



3480F3



A966D5

# Triad

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



3480F3



D95C33



009B63

# Complementary

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



3480F3



F3A734

# 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.



3D9528



3480F3



B57500

# Square

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



3480F3



E94669



838900



009D9F

# Rectangle

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



3480F3



CE53B5



838900



009A4F



# Sweetspot

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



3480F3



C2DAFF



34F3A7



5B6980



000000



808080



# Same Dimension

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



3480F3



0F6FFF



4734F3



6E737A



004ABA



00173B



# Inverse Universe

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



F33480



FF0F6F



E0F334



7A6E73



BA004A



3B0017



# Previews

## White Background



This preview shows how the Hex color 3480F3 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 3480F3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

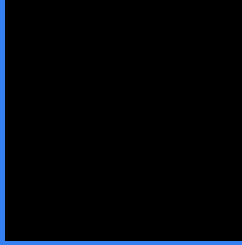
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

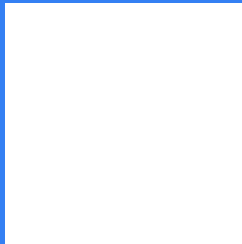
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3480F3 Background



This preview shows how black text looks on a background with the Hex color 3480F3.



This preview shows how white text looks on a background with the Hex color 3480F3.

# 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](#).

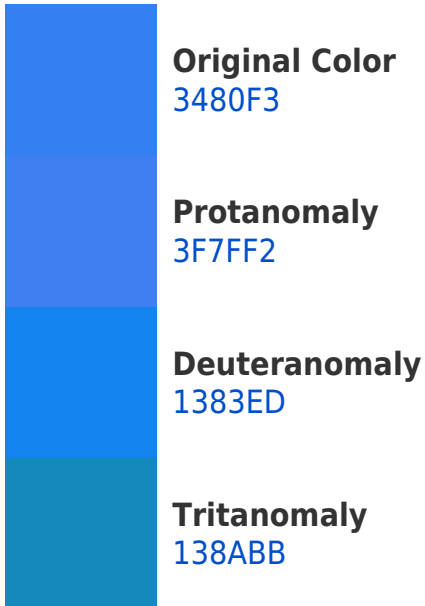
## Dichromacy





**Tritanopia**  
00909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3480F3 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 #3480F3 looks like.

```
.text, #text, p{  
    color:#3480F3  
}
```

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 #3480F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3480F3
}
```

## Border

The CSS property to change the border of an element to Hex 3480F3 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
#3480F3 }
```

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

```
.border{ border-color:#3480F3 }
```

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

Here you see how a box with a 4 pixel #3480F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3480F3; -webkit-box-shadow:4px 4px  
4px 4px #3480F3; box-shadow:4px 4px 4px  
4px #3480F3 }
```

# Background

The CSS property to change the background color of an element to Hex 3480F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3480F3 }
```

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

```
.background{ background-color:#3480F3 }
```

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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