

# Converting Colors

Hex(3585F1)

Have a look what the booklet for  
Hex(3585F1) contains.

<b>Hex(3585F1)</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(3585F1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3585F1
RGB	53, 133, 241
RGB Percent	21%, 52%, 95%
CMY	0.7922, 0.4784, 0.0549
CMYK	0.78, 0.45, 0.00, 0.05
HSL	214°, 87%, 58%
HSV	214°, 78%, 95%
XYZ	25.7329, 23.8828, 86.4727
YIQ	121.3920, -82.3480, 16.6280

# Conversions

## Conversions Part 2

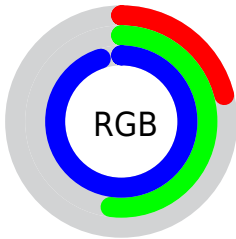
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 109, 241
Decimal	3507697
CIE Lab	55.97, 13.24, -61.13
CIE LCh	56, 62.544, 282.224
Yxy	23.8828, 0.1891, 0.1755
Android (android.graphics.Color)	4281697777 (0xFF3585F1)
YUV	121.3920, 58.9667, -59.9798
Hunter-Lab	48.8700, 8.4680, -70.7011

# Details

The Hex color **3585F1** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **F1A135**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **7EBAFF**, and **0054B8** is the 20% darker color. If you saturate the color by 10%, you get **1D77F1**, and if you desaturate by 10%, it is **4D93F1**.

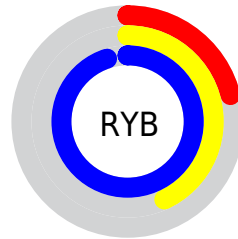
# Distribution



Red (21%)

Green (52%)

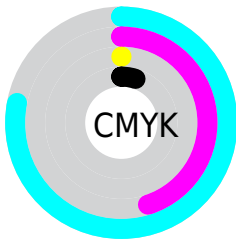
Blue (95%)



Red (21%)

Yellow (43%)

Blue (95%)

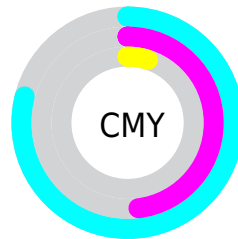


Cyan (78%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (79%)

Magenta (48%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3585F1 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 3585F1 by changing the saturation by 10% instead.



 3585F1

 3585F1

FFFFFF

 006CD4

 7EBAFF

 0054B8

 9ED5FF

 003E9D

 BDF1FF

 002A82

 DCFFFF

 001768

 FBFFFF

 000A4F

 000537

 000221

 000006

■ 3585F1

■ 3585F1

■ 1D77F1

■ 4D93F1

■ 0569F1

■ 65A1F1

■ 0067F1

■ 7DAFF1

■ 95BCF1

■ ADCAF1

■ C6D8F1

■ DEE6F1

■ F6F4F1

■ FFFFF1

# Harmonies

## Analogous

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



0095EE



3585F1



A56DD7

# Triad

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



3585F1



DC603F



009D63

# Complementary

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



3585F1



F1A135

# 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.



4E972E



3585F1



BB7810

# Square

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



3585F1



E74F72



8C8B00



009F9C

# Rectangle

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



3585F1



CA5DBA



8C8B00



009C51



# Sweetspot

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



3585F1



C4DDFF



35F1A0



5C6B80



000000



808080



# Same Dimension

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



3585F1



0F75FF



4235F1



6C7178



004EB8



001838



# Inverse Universe

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



F13585



FF0F75



E4F135



786C71



B8004E



380018



# Previews

## White Background



This preview shows how the Hex color 3585F1 looks on a white background.

## Color Contrast Check

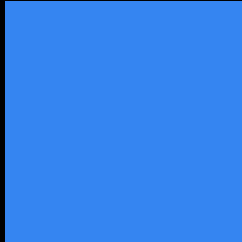
Large Text (above 18pt) WCAG AA ✓ Pass

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 3585F1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

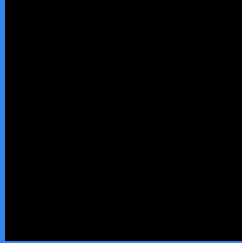
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

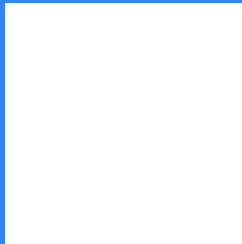
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3585F1 Background



This preview shows how black text looks on a background with the Hex color 3585F1.



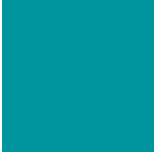
This preview shows how white text looks on a background with the Hex color 3585F1.

# 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](#).

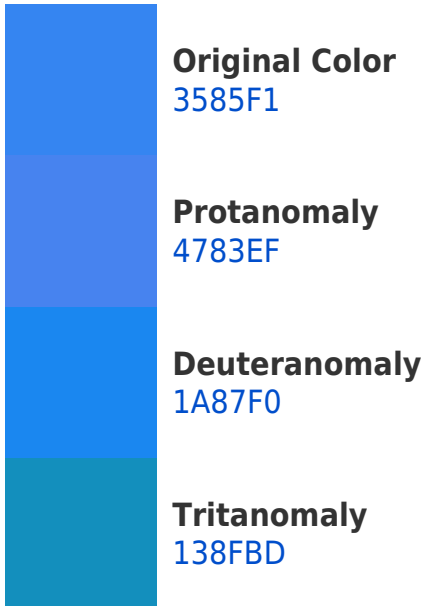
## Dichromacy



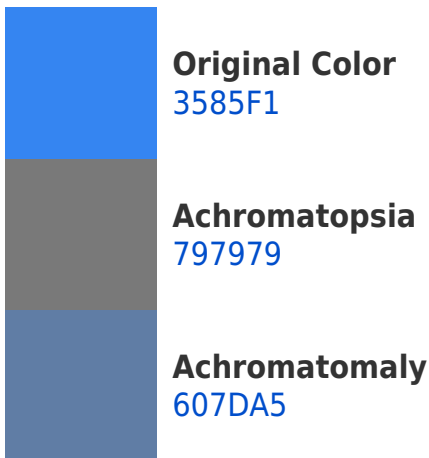


**Tritanopia**  
00949F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3585F1 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 #3585F1 looks like.

```
.text, #text, p{  
    color:#3585F1  
}
```

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 #3585F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3585F1
}
```

## Border

The CSS property to change the border of an element to Hex 3585F1 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
#3585F1 }
```

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

```
.border{ border-color:#3585F1 }
```

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

Here you see how a box with a 4 pixel #3585F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3585F1; -webkit-box-shadow:4px 4px  
4px 4px #3585F1; box-shadow:4px 4px 4px  
4px #3585F1 }
```

# Background

The CSS property to change the background color of an element to Hex 3585F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3585F1 }
```

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

```
.background{ background-color:#3585F1 }
```

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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