

Converting Colors

Hex(3579F1)

Have a look what the booklet for
Hex(3579F1) contains.

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Color

Hex(3579F1)

Conversions

Conversions Part 1

Format	Color
Hex	3579F1
RGB	53, 121, 241
RGB Percent	21%, 47%, 95%
CMY	0.7922, 0.5255, 0.0549
CMYK	0.78, 0.50, 0.00, 0.05
HSL	218°, 87%, 58%
HSV	218°, 78%, 95%
XYZ	24.1828, 20.7825, 85.9559
YIQ	114.3480, -79.0480, 22.9040

Conversions

Conversions Part 2

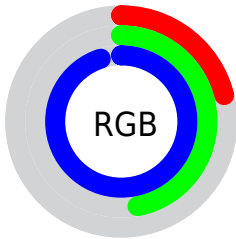
Format	Color
R _Y B	53, 103, 241
Decimal	3504625
CIE Lab	52.71, 20.66, -66.38
CIE LCh	53, 69.518, 287.292
Yxy	20.7825, 0.1847, 0.1587
Android (android.graphics.Color)	4281694705 (0xFF3579F1)
YUV	114.3480, 62.4394, -53.8022
Hunter-Lab	45.5878, 14.9093, -79.8799

Details

The Hex color **3579F1** 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 **F1AD35**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **7EADFF**, and **004AB8** is the 20% darker color. If you saturate the color by 10%, you get **1D6AF1**, and if you desaturate by 10%, it is **4D88F1**.

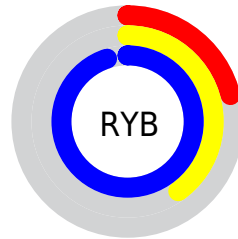
Distribution



Red (21%)

Green (47%)

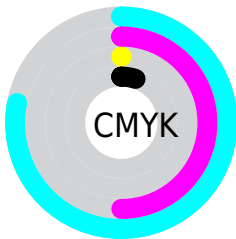
Blue (95%)



Red (21%)

Yellow (40%)

Blue (95%)

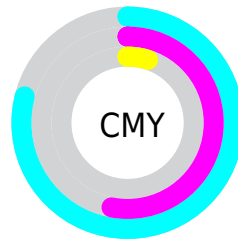


Cyan (78%)

Magenta (50%)

Yellow (0%)

Black (5%)



Cyan (79%)

Magenta (53%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3579F1 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 3579F1 by changing the saturation by 10% instead.

 3579F1

 3579F1

FFFFFF

 0061D4

 7EADFF

 004AB8

 9EC8FF

 00349C

 BDE4FF

 002182

 DCFFFF

 000B68

 FCFFFF

 000A4F

 000537

 000221

 000005

■ 3579F1

■ 3579F1

■ 1D6AF1

■ 4D88F1

■ 055AF1

■ 6598F1

■ 0057F1

■ 7DA7F1

■ 95B7F1

■ ADC6F1

■ C6D5F1

■ DEE5F1

■ F6F4F1

■ FFFFF1

Harmonies

Analogous

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



008CF3



3579F1



AA5CD0

Triad

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



3579F1



D45625



009761

Complementary

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



3579F1



F1AD35

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.



259122



3579F1



AD7200

Square

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



3579F1



E63B5E



788600



0098A0

Rectangle

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



3579F1



CF47AD



788600



00954D

Sweetspot

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



3579F1



C4DAFF



35F1AC



5C6980



000000



808080

Same Dimension

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



3579F1



0F66FF



4E35F1



6C7078



0042B8



001438

Inverse Universe

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



F13579



FF0F66



D8F135



786C70



B80042



380014

Previews

White Background



This preview shows how the Hex color 3579F1 looks on a white background.

Color Contrast Check

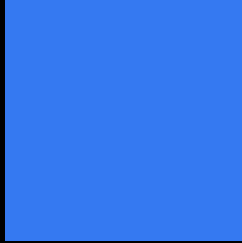
Large Text (above 18pt) WCAG AA ✓ Pass

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 3579F1 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

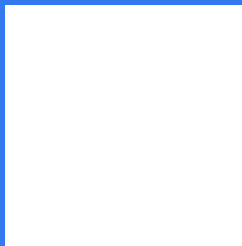
Any Text WCAG AAA × Fail

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

Hex 3579F1 Background



This preview shows how black text looks on a background with the Hex color 3579F1.

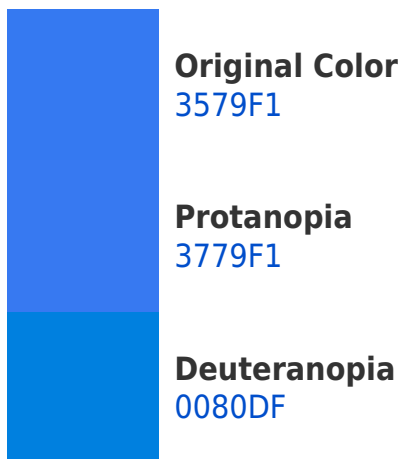


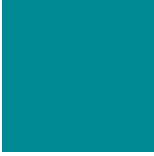
This preview shows how white text looks on a background with the Hex color 3579F1.

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](#).

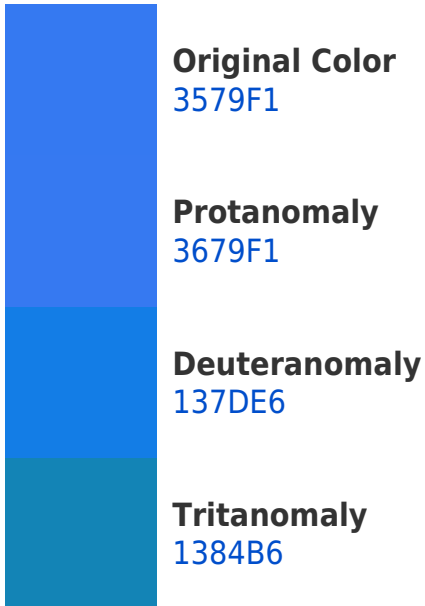
Dichromacy



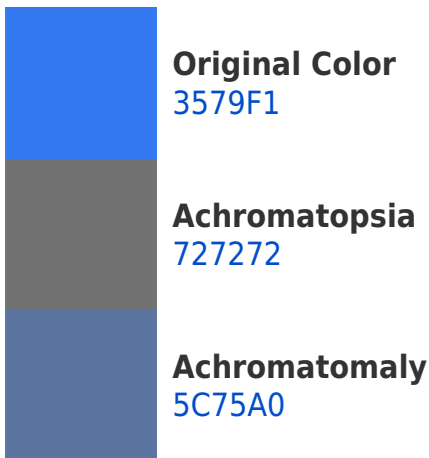


Tritanopia
008B94

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3579F1 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 #3579F1 looks like.

```
.text, #text, p{  
    color:#3579F1  
}
```

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 #3579F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3579F1
}
```

Border

The CSS property to change the border of an element to Hex 3579F1 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
#3579F1 }
```

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

```
.border{ border-color:#3579F1 }
```

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

Here you see how a box with a 4 pixel #3579F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3579F1; -webkit-box-shadow:4px 4px  
4px 4px #3579F1; box-shadow:4px 4px 4px  
4px #3579F1 }
```

Background

The CSS property to change the background color of an element to Hex 3579F1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3579F1 }
```

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

```
.background{ background-color:#3579F1 }
```

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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