

Converting Colors

Hex(3680F5)

Have a look what the booklet for
Hex(3680F5) contains.

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Color

Hex(3680F5)

Conversions

Conversions Part 1

Format	Color
Hex	3680F5
RGB	54, 128, 245
RGB Percent	21%, 50%, 96%
CMY	0.7882, 0.4980, 0.0392
CMYK	0.78, 0.48, 0.00, 0.04
HSL	217°, 91%, 59%
HSV	217°, 78%, 96%
XYZ	25.7219, 22.8152, 89.4343
YIQ	119.2120, -81.6610, 20.6990

Conversions

Conversions Part 2

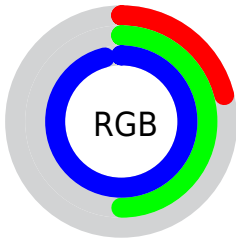
Format	Color
R _Y B	54, 107, 245
Decimal	3571957
CIE Lab	54.88, 17.89, -65.09
CIE LCh	55, 67.507, 285.368
Yxy	22.8152, 0.1864, 0.1654
Android (android.graphics.Color)	4281762037 (0xFF3680F5)
YUV	119.2120, 62.0135, -57.1909
Hunter-Lab	47.7652, 12.5343, -77.5772

Details

The Hex color **3680F5** 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 **F5AB36**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7FB4FF**, and **0050BC** is the 20% darker color. If you saturate the color by 10%, you get **1D71F5**, and if you desaturate by 10%, it is **4E8FF5**.

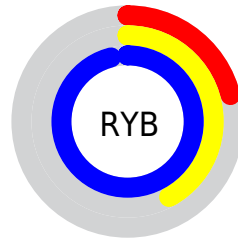
Distribution



Red (21%)

Green (50%)

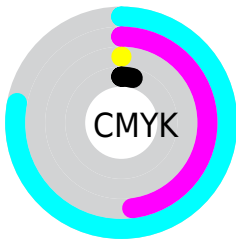
Blue (96%)



Red (21%)

Yellow (42%)

Blue (96%)

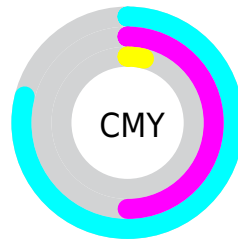


Cyan (78%)

Magenta (48%)

Yellow (0%)

Black (4%)



Cyan (79%)

Magenta (50%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3680F5 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 3680F5 by changing the saturation by 10% instead.

 3680F5

 3680F5

FFFFFF

 0067D8

 7FB4FF

 0050BC

 9FCFFF

 003AA0

 BFECFF

 002685

 DEFFFF

 00136B

 FDFFFF

 000B52

 00063A

 000224

 00000B

 3680F5

 3680F5

 1D71F5

 4E8FF5

 0562F5

 679EF5

 005FF5

 7FADF5

 98BCF5

 B1CBF5

 C9DAF5

 E2E9F5

 FAF8F5

 FFFFF5

Harmonies

Analogous

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



0092F5



3680F5



AB65D6

Triad

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



3680F5



DB5C31



009C64

Complementary

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



3680F5



F5AB36

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.



399628



3680F5



B57600

Square

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



3680F5



EA4568



828A00



009EA1

Rectangle

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



3680F5



D152B5



828A00



009A50

Sweetspot

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



3680F5



C4DBFF



36F5A9



5C6A80



000000



808080

Same Dimension

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



3680F5



0F6CFF



4936F5



6E737A



0048BA



00173B

Inverse Universe

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



F53680



FF0F6C



E2F536



7A6E73



BA0048



3B0017

Previews

White Background



This preview shows how the Hex color 3680F5 looks on a white background.

Color Contrast Check

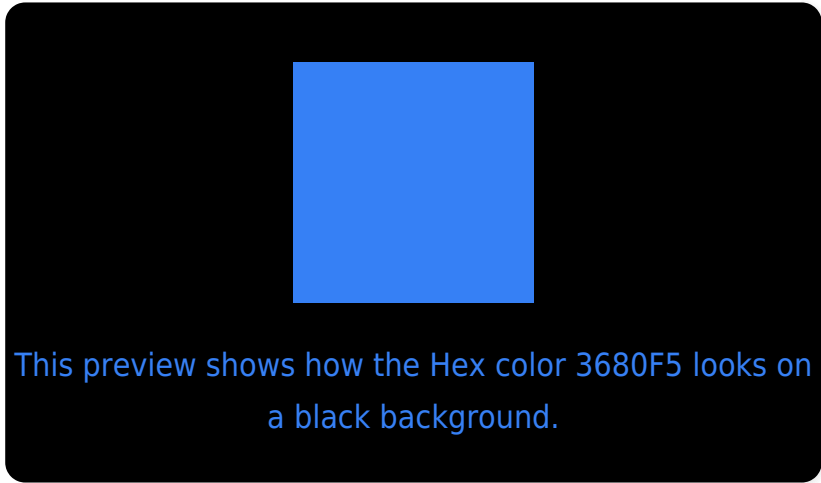
Large Text (above 18pt) WCAG AA ✓ Pass

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

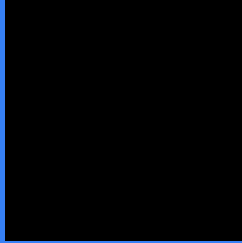
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

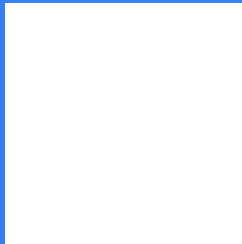
Any Text WCAG AAA × Fail

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

Hex 3680F5 Background



This preview shows how black text looks on a background with the Hex color 3680F5.



This preview shows how white text looks on a background with the Hex color 3680F5.

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](#).

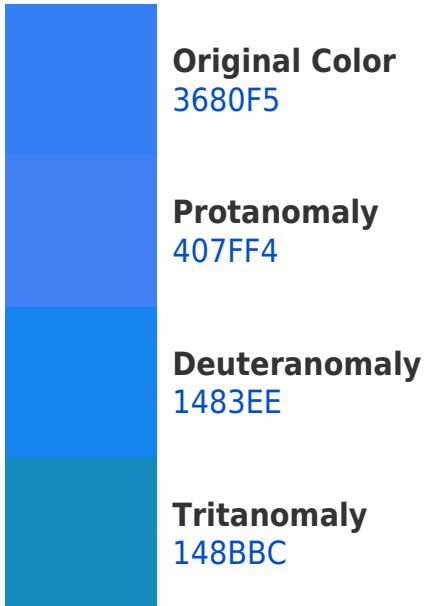
Dichromacy



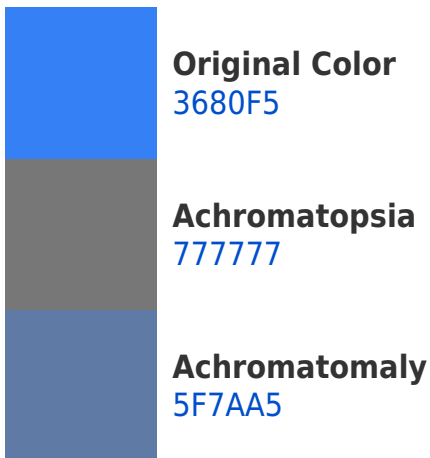


Tritanopia
00919B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3680F5 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 #3680F5 looks like.

```
.text, #text, p{  
    color:#3680F5  
}
```

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 #3680F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3680F5
}
```

Border

The CSS property to change the border of an element to Hex 3680F5 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
#3680F5 }
```

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

```
.border{ border-color:#3680F5 }
```

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

Here you see how a box with a 4 pixel #3680F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3680F5; -webkit-box-shadow:4px 4px  
4px 4px #3680F5; box-shadow:4px 4px 4px  
4px #3680F5 }
```

Background

The CSS property to change the background color of an element to Hex 3680F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3680F5 }
```

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

```
.background{ background-color:#3680F5 }
```

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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