

Converting Colors

Hex(3699F3)

Have a look what the booklet for
Hex(3699F3) contains.

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Color

Hex(3699F3)

Conversions

Conversions Part 1

Format	Color
Hex	3699F3
RGB	54, 153, 243
RGB Percent	21%, 60%, 95%
CMY	0.7882, 0.4000, 0.0471
CMYK	0.78, 0.37, 0.00, 0.05
HSL	209°, 89%, 58%
HSV	209°, 78%, 95%
XYZ	29.0902, 30.0378, 89.0587
YIQ	133.6590, -87.8940, 7.0020

Conversions

Conversions Part 2

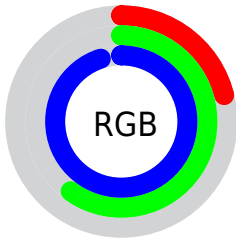
Format	Color
R _Y B	54, 119, 243
Decimal	3578355
CIE Lab	61.69, 2.10, -53.10
CIE LCh	62, 53.139, 272.263
Yxy	30.0378, 0.1963, 0.2027
Android (android.graphics.Color)	4281768435 (0xFF3699F3)
YUV	133.6590, 53.9051, -69.8609
Hunter-Lab	54.8068, -1.1679, -57.9790

Details

The Hex color **3699F3** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **F39036**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FCFFF**, and **0067BA** is the 20% darker color. If you saturate the color by 10%, you get **1E8DF3**, and if you desaturate by 10%, it is **4EA5F3**.

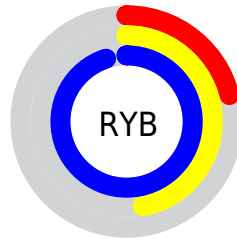
Distribution



Red (21%)

Green (60%)

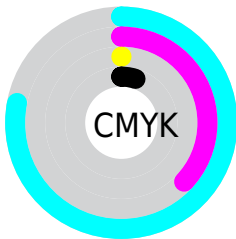
Blue (95%)



Red (21%)

Yellow (47%)

Blue (95%)

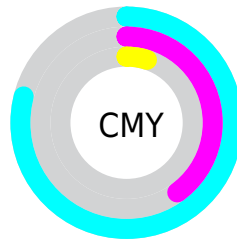


Cyan (78%)

Magenta (37%)

Yellow (0%)

Black (5%)



Cyan (79%)

Magenta (40%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3699F3 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 3699F3 by changing the saturation by 10% instead.

 3699F3

 3699F3

FFFFFF

 007FD6

 7FCFFF

 0067BA

 9EEBFF

 004F9F

 BEFFFF

 003984

 DDFFFF

 00256A

 FCFFFF

 000F52

 00053A

 000223

 00000A

■ 3699F3

■ 3699F3

■ 1E8DF3

■ 4EA5F3

■ 0582F3

■ 67B0F3

■ 007FF3

■ 7FBCF3

■ 97C7F3

■ AFD3F3

■ C8DEF3

■ E0EAF3

■ F8F6F3

■ FFFFF3

Harmonies

Analogous

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



00A5E8



3699F3



9C87E5

Triad

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



3699F3



E87165



36A967

Complementary

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



3699F3



F39036

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.



7CA141



3699F3



D18241

Square

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



3699F3



EA6B93



AC9431



00AC97

Rectangle

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



3699F3



C37ACF



AC9431



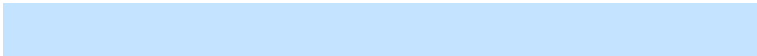
53A759

Sweetspot

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



3699F3



C4E3FF



36F38E



5C6F80



000000



808080

Same Dimension

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



3699F3



128EFF



363CF3



6E757A



0062BA



001F3B

Inverse Universe

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



F33699



FF128E



F3ED36



7A6E75



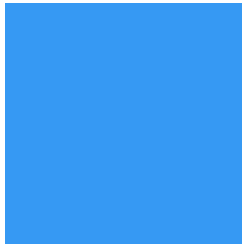
BA0062



3B001F

Previews

White Background



This preview shows how the Hex color 3699F3 looks on a white background.

Color Contrast Check

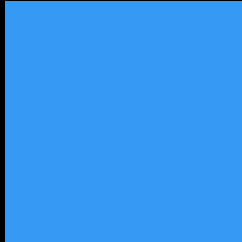
Large Text (above 18pt) WCAG AA ✓ Pass

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 3699F3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

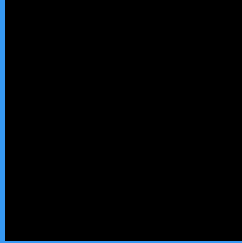
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

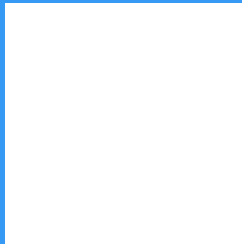
Any Text WCAG AAA ✓ Pass

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

Hex 3699F3 Background



This preview shows how black text looks on a background with the Hex color 3699F3.



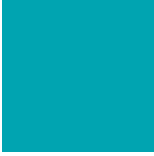
This preview shows how white text looks on a background with the Hex color 3699F3.

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](#).

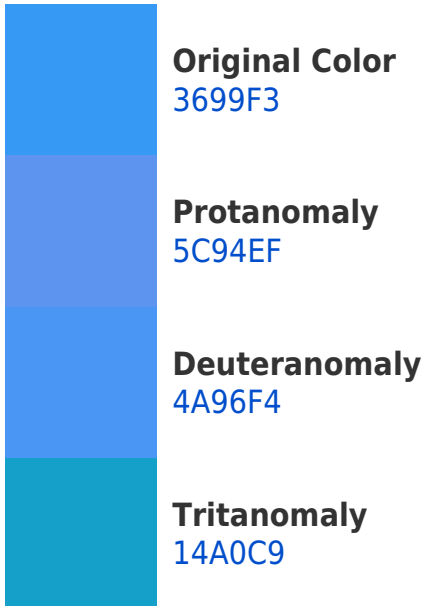
Dichromacy



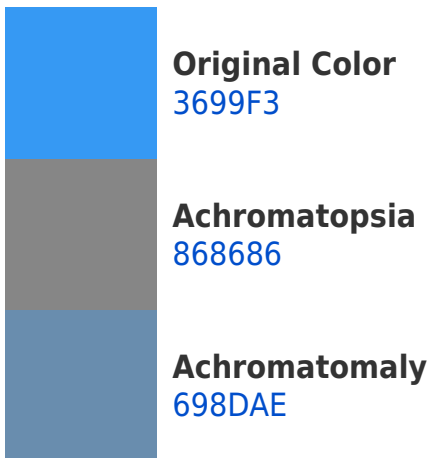


Tritanopia
00A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3699F3 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 #3699F3 looks like.

```
.text, #text, p{  
    color:#3699F3  
}
```

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 #3699F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3699F3
}
```

Border

The CSS property to change the border of an element to Hex 3699F3 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
#3699F3 }
```

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

```
.border{ border-color:#3699F3 }
```

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

Here you see how a box with a 4 pixel #3699F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3699F3; -webkit-box-shadow:4px 4px  
4px 4px #3699F3; box-shadow:4px 4px 4px  
4px #3699F3 }
```

Background

The CSS property to change the background color of an element to Hex 3699F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3699F3 }
```

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

```
.background{ background-color:#3699F3 }
```

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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