

Converting Colors

Hex(3693FC)

Have a look what the booklet for
Hex(3693FC) contains.

Hex(3693FC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(3693FC)

Conversions

Conversions Part 1

Format	Color
Hex	3693FC
RGB	54, 147, 252
RGB Percent	21%, 58%, 99%
CMY	0.7882, 0.4235, 0.0118
CMYK	0.79, 0.42, 0.00, 0.01
HSL	212°, 97%, 60%
HSV	212°, 79%, 99%
XYZ	29.5257, 28.6800, 96.0751
YIQ	131.1630, -89.1330, 12.9390

Conversions

Conversions Part 2

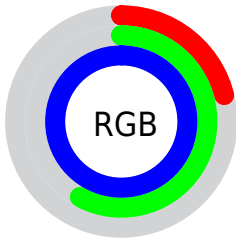
Format	Color
R _Y B	54, 117, 252
Decimal	3576828
CIE Lab	60.50, 8.90, -59.94
CIE LCh	60, 60.592, 278.442
Yxy	28.6800, 0.1914, 0.1859
Android (android.graphics.Color)	4281766908 (0xFF3693FC)
YUV	131.1630, 59.5726, -67.6720
Hunter-Lab	53.5537, 4.6933, -68.8784

Details

The Hex color **3693FC** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FC9F36**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **81C8FF**, and **0061C3** is the 20% darker color. If you saturate the color by 10%, you get **1D86FC**, and if you desaturate by 10%, it is **4FA0FC**.

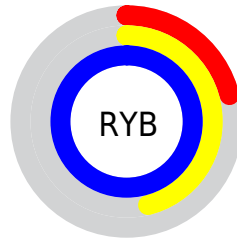
Distribution



Red (21%)

Green (58%)

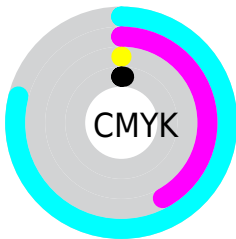
Blue (99%)



Red (21%)

Yellow (46%)

Blue (99%)

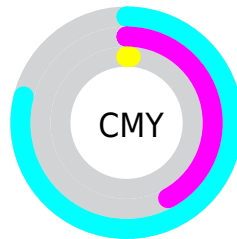


Cyan (79%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (79%)

Magenta (42%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3693FC 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 3693FC by changing the saturation by 10% instead.

 3693FC

 3693FC

FFFFFF

 007ADF

 81C8FF

 0061C3

 A1E4FF

 004AA7

 C0FFFF

 00358C

 DFFFFF

 002172

 000859

 000740

 000329

 000113

■ 3693FC

■ 3693FC

■ 1D86FC

■ 4FA0FC

■ 0478FC

■ 68AEFC

■ 0076FC

■ 82BBFC

■ 9BC8FC

■ B4D6FC

■ CDE3FC

■ E6F1FC

■ FFFEFC

■ FFFFFC

Harmonies

Analogous

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



00A2F5



3693FC



A87DE6

Triad

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



3693FC



EA6B52



00A968

Complementary

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



3693FC



FC9F36

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.



66A137



3693FC



CC8129

Square

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



3693FC



F25E85



9F9418



00ABA0

Rectangle

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



3693FC



D06DCB



9F9418



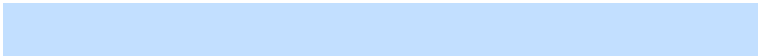
28A757

Sweetspot

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



3693FC



C2DFFF



36FC9C



5B6C80



000000



808080

Same Dimension

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



3693FC



0F80FF



3936FC



70767D



0059BD



001D3D

Inverse Universe

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



FC3693



FF0F80



F9FC36



7D7076



BD0059



3D001D

Previews

White Background



This preview shows how the Hex color 3693FC looks on a white background.

Color Contrast Check

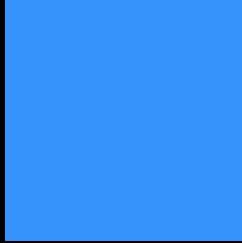
Large Text (above 18pt) WCAG AA ✓ Pass

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 3693FC 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

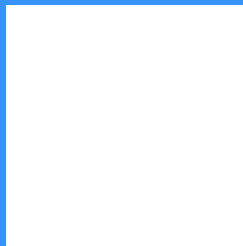
Any Text WCAG AAA × Fail

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

Hex 3693FC Background



This preview shows how black text looks on a background with the Hex color 3693FC.



This preview shows how white text looks on a background with the Hex color 3693FC.

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



Trichromacy



Original Color
3693FC

Protanomaly
538FF9

Deuteranomaly
3893FC

Monochromacy



Original Color
3693FC

Achromatopsia
838383

Achromatomaly
6789AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 3693FC 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 #3693FC looks like.

```
.text, #text, p{  
    color:#3693FC  
}
```

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 #3693FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3693FC
}
```

Border

The CSS property to change the border of an element to Hex 3693FC 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
#3693FC }
```

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

```
.border{ border-color:#3693FC }
```

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

Here you see how a box with a 4 pixel #3693FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3693FC; -webkit-box-shadow:4px 4px  
4px 4px #3693FC; box-shadow:4px 4px 4px  
4px #3693FC }
```

Background

The CSS property to change the background color of an element to Hex 3693FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3693FC }
```

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

```
.background{ background-color:#3693FC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor