

Converting Colors

Hex(3699FD)

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

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Color

Hex(3699FD)

Conversions

Conversions Part 1

Format	Color
Hex	3699FD
RGB	54, 153, 253
RGB Percent	21%, 60%, 99%
CMY	0.7882, 0.4000, 0.0078
CMYK	0.79, 0.40, 0.00, 0.01
HSL	210°, 98%, 60%
HSV	210°, 79%, 99%
XYZ	30.6422, 30.6586, 97.2312
YIQ	134.7990, -91.1040, 10.1120

Conversions

Conversions Part 2

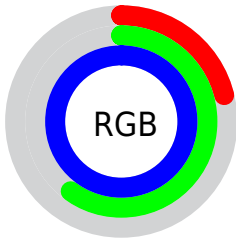
Format	Color
R _Y B	54, 120, 253
Decimal	3578365
CIE Lab	62.22, 5.70, -57.74
CIE LCh	62, 58.016, 275.635
Yxy	30.6586, 0.1933, 0.1934
Android (android.graphics.Color)	4281768445 (0xFF3699FD)
YUV	134.7990, 58.2731, -70.8607
Hunter-Lab	55.3702, 1.8851, -65.3553

Details

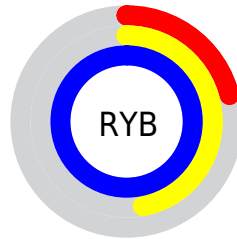
The Hex color **3699FD** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FD9A36**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **81CFFF**, and **0067C4** is the 20% darker color. If you saturate the color by 10%, you get **1D8CFD**, and if you desaturate by 10%, it is **4FA6FD**.

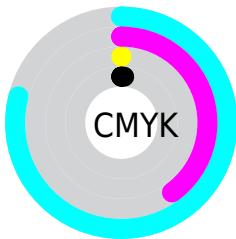
Distribution



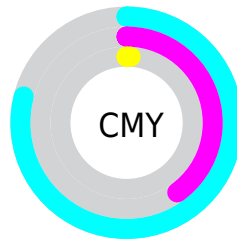
- Red (21%)
- Green (60%)
- Blue (99%)



- Red (21%)
- Yellow (47%)
- Blue (99%)



- Cyan (79%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)



- Cyan (79%)
- Magenta (40%)
- Yellow (1%)

Brightness & Saturation Gradients

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

■ 3699FD

■ 3699FD

FFFFFF

■ 007FE0

■ 81CFFF

■ 0067C4

■ A1EBFF

■ 004FA8

■ C0FFFF

■ 00398D

■ E0FFFF

■ 002573

■ 00105A

■ 000741

■ 00032A

■ 000115

■ 3699FD

■ 3699FD

■ 1D8CFD

■ 4FA6FD

■ 0380FD

■ 69B2FD

■ 007EFD

■ 82BFFD

■ 9BCCFD

■ B5D9FD

■ CEE5FD

■ E7F2FD

FFFFFD

Harmonies

Analogous

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



00A7F4



3699FD



A585EA

Triad

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



3699FD



EE705D



08AC6A

Complementary

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



3699FD



FD9A36

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.



73A43D



3699FD



D38436

Square

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



3699FD



F3668F



A99725



00AF9F

Rectangle

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



3699FD



CE76D1



A99725



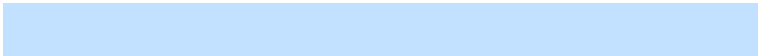
41AA59

Sweetspot

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



3699FD



C2E0FF



36FD9A



5B6D80



000000



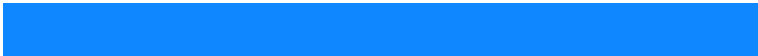
808080

Same Dimension

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



3699FD



0F87FF



3636FD



737980



005FBF



002040

Inverse Universe

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



FD3699



FF0F87



FDFD36



807379



BF005F



400020

Previews

White Background



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

Color Contrast Check

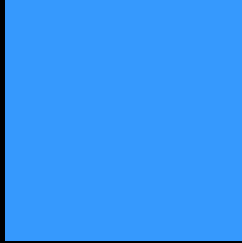
Large Text (above 18pt) WCAG AA × Fail

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 3699FD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

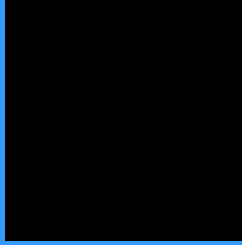
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

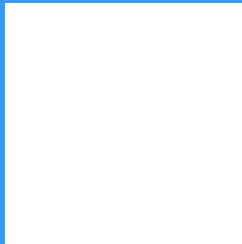
Any Text WCAG AAA ✓ Pass

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

Hex 3699FD Background



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



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

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



Original Color
3699FD

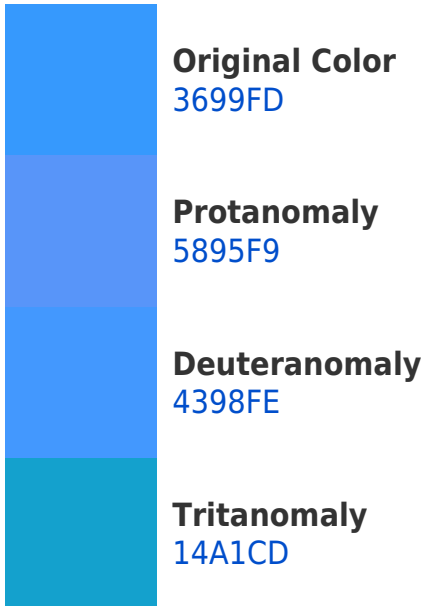
Protanopia
6C92F6

Deuteranopia
4A97FE



Tritanopia
00A6B2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3699FD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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