

Converting Colors

Hex(3691EB)

Have a look what the booklet for
Hex(3691EB) contains.

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Color

Hex(3691EB)

Conversions

Conversions Part 1

Format	Color
Hex	3691EB
RGB	54, 145, 235
RGB Percent	21%, 57%, 92%
CMY	0.7882, 0.4314, 0.0784
CMYK	0.77, 0.38, 0.00, 0.08
HSL	210°, 82%, 57%
HSV	210°, 77%, 92%
XYZ	26.6421, 27.0332, 82.4110
YIQ	128.0510, -83.1260, 8.6980

Conversions

Conversions Part 2

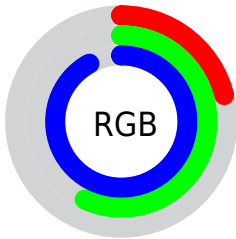
Format	Color
R _Y B	54, 115, 235
Decimal	3576299
CIE Lab	59.01, 3.93, -52.95
CIE LCh	59, 53.092, 274.242
Yxy	27.0332, 0.1958, 0.1986
Android (android.graphics.Color)	4281766379 (0xFF3691EB)
YUV	128.0510, 52.7259, -64.9427
Hunter-Lab	51.9935, 0.4770, -57.5807




Details

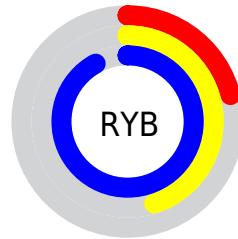
The Hex color **3691EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EB9036**, and the grayscale version is **808080**.




A 20% lighter version of the original color is **7DC6FF**, and **005FB3** is the 20% darker color. If you saturate the color by 10%, you get **1F85EB**, and if you desaturate by 10%, it is **4E9DEB**.

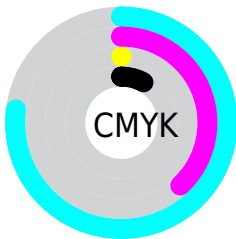
Distribution







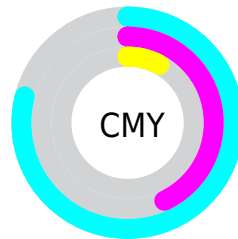
-  Red (21%)
-  Green (57%)
-  Blue (92%)






-  Red (21%)
-  Yellow (45%)
-  Blue (92%)



-  Cyan (77%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (8%)



-  Cyan (79%)
-  Magenta (43%)
-  Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3691EB 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 3691EB by changing the saturation by 10% instead.

 3691EB

 3691EB

FFFFFF

 0078CE

 7DC6FF

 005FB3

 9DE2FF

 004897

 BBFFFF

 00327D

 DAFFFF

 001F63

 F9FFFF

 00094B

 000433

 00021D

 000000

■ 3691EB

■ 3691EB

■ 1F85EB

■ 4E9DEB

■ 077AEB

■ 65A8EB

■ 0076EB

■ 7CB4EB

■ 94C0EB

■ ABCBEB

■ C3D7EB

■ DBE3EB

■ F2EEEB

■ FFFAEB

Harmonies

Analogous

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



009DE1



3691EB



997FDB

Triad

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



3691EB



DF6B5C



25A264

Complementary

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



3691EB



EB9036

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.



719A3C



3691EB



C77D39

Square

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



3691EB



E26389



A18E2A



00A593

Rectangle

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



3691EB



BE72C5



A18E2A



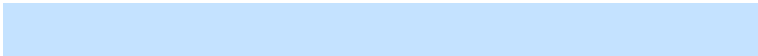
47A055

Sweetspot

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



3691EB



C4E2FF



36EB8D



5C6E80



000000



808080

Same Dimension

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



3691EB



148AFF



3639EB



6A6F75



005BB5



001B36

Inverse Universe

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



EB3691



FF148A



EBE836



756A6F



B5005B



36001B

Previews

White Background



This preview shows how the Hex color 3691EB looks on a white background.

Color Contrast Check

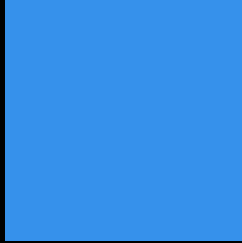
Large Text (above 18pt) WCAG AA ✓ Pass

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 3691EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

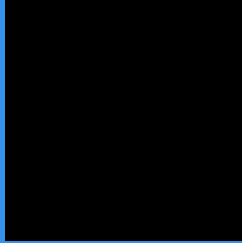
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

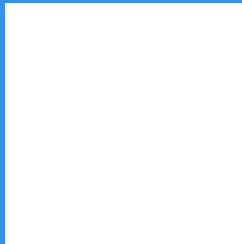
Any Text WCAG AAA × Fail

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

Hex 3691EB Background



This preview shows how black text looks on a background with the Hex color 3691EB.

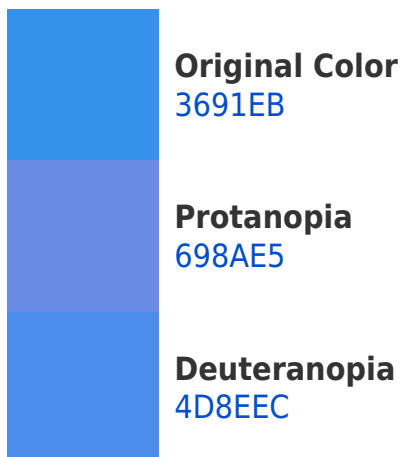


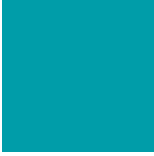
This preview shows how white text looks on a background with the Hex color 3691EB.

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](#).

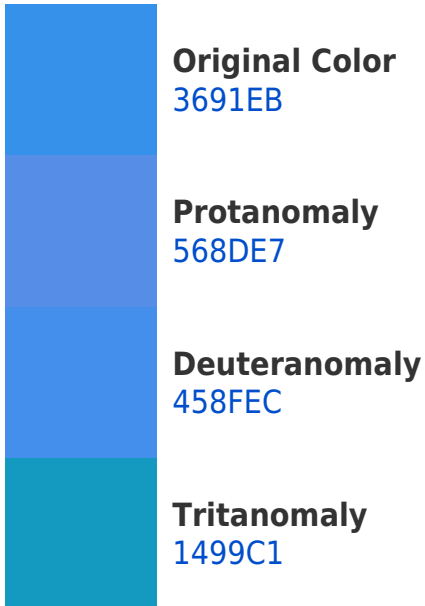
Dichromacy



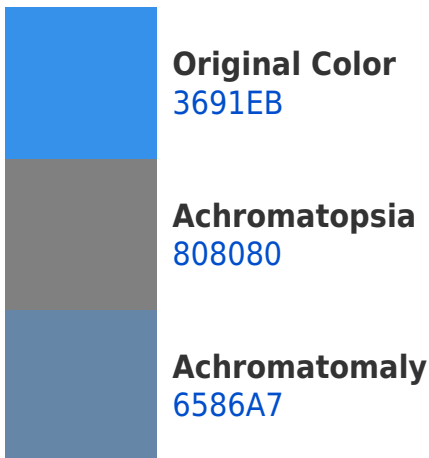


Tritanopia
009DA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3691EB 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 #3691EB looks like.

```
.text, #text, p{  
    color:#3691EB  
}
```

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 #3691EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3691EB
}
```

Border

The CSS property to change the border of an element to Hex 3691EB 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
#3691EB }
```

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

```
.border{ border-color:#3691EB }
```

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

Here you see how a box with a 4 pixel #3691EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3691EB; -webkit-box-shadow:4px 4px  
4px 4px #3691EB; box-shadow:4px 4px 4px  
4px #3691EB }
```

Background

The CSS property to change the background color of an element to Hex 3691EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3691EB }
```

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

```
.background{ background-color:#3691EB }
```

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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