

Converting Colors

Hex(3683EB)

Have a look what the booklet for
Hex(3683EB) contains.

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Color

Hex(3683EB)

Conversions

Conversions Part 1

Format	Color
Hex	3683EB
RGB	54, 131, 235
RGB Percent	21%, 51%, 92%
CMY	0.7882, 0.4863, 0.0784
CMYK	0.77, 0.44, 0.00, 0.08
HSL	214°, 82%, 57%
HSV	214°, 77%, 92%
XYZ	24.6330, 23.0150, 81.7413
YIQ	119.8330, -79.2760, 16.0200

Conversions

Conversions Part 2

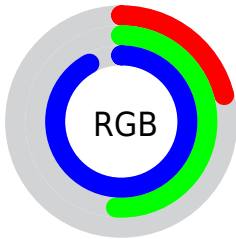
Format	Color
R _Y B	54, 108, 235
Decimal	3572715
CIE Lab	55.09, 12.37, -59.21
CIE LCh	55, 60.484, 281.802
Yxy	23.0150, 0.1904, 0.1779
Android (android.graphics.Color)	4281762795 (0xFF3683EB)
YUV	119.8330, 56.7773, -57.7355
Hunter-Lab	47.9740, 7.6993, -67.4405

Details

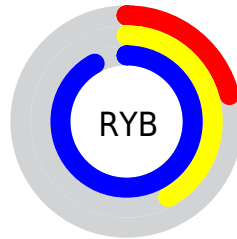
The Hex color **3683EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EB9E36**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7DB7FF**, and **0053B2** is the 20% darker color. If you saturate the color by 10%, you get **1F75EB**, and if you desaturate by 10%, it is **4E91EB**.

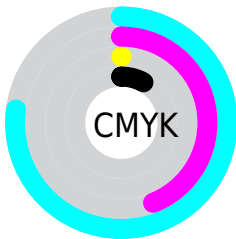
Distribution



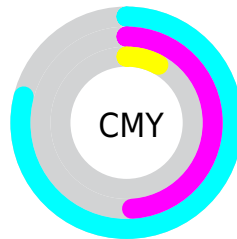
- Red (21%)
- Green (51%)
- Blue (92%)



- Red (21%)
- Yellow (42%)
- Blue (92%)



- Cyan (77%)
- Magenta (44%)
- Yellow (0%)
- Black (8%)



- Cyan (79%)
- Magenta (49%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3683EB 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 3683EB by changing the saturation by 10% instead.

 3683EB

 3683EB

FFFFFF

 006ACE

 7DB7FF

 0053B2

 9DD3FF

 003C97

 BCEFFF

 00287D

 DAFFFF

 001563

 F9FFFF

 00094A

 000433

 00021D

 000000

■ 3683EB

■ 3683EB

■ 1F75EB

■ 4E91EB

■ 0768EB

■ 659EEB

■ 0064EB

■ 7CACEB

■ 94B9EB

■ ABC7EB

■ C3D4EB

■ DBE2EB

■ F2EFEB

■ FFFDEB

Harmonies

Analogous

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



0092E7



3683EB



A06CD3

Triad

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



3683EB



D75F40



009A61

Complementary

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



3683EB



EB9E36

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.



4F942F



3683EB



B77615

Square

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



3683EB



E24F71



8A8801



009C98

Rectangle

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



3683EB



C55DB6



8A8801



009950

Sweetspot

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



3683EB



C4DDFF



36EB9D



5C6B80



000000



808080

Same Dimension

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



3683EB



1478FF



4236EB



6A6F75



004DB5



001736

Inverse Universe

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



EB3683



FF1478



DFEB36



756A6F



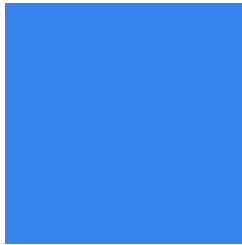
B5004D



360017

Previews

White Background



This preview shows how the Hex color 3683EB looks on a white background.

Color Contrast Check

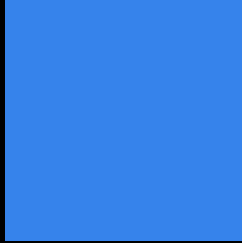
Large Text (above 18pt) WCAG AA ✓ Pass

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 3683EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

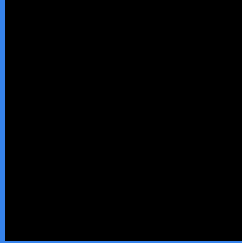
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

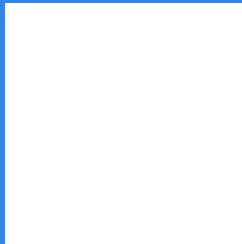
Any Text WCAG AAA × Fail

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

Hex 3683EB Background



This preview shows how black text looks on a background with the Hex color 3683EB.

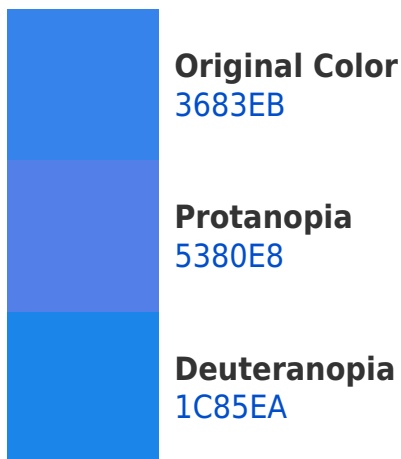


This preview shows how white text looks on a background with the Hex color 3683EB.

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](#).

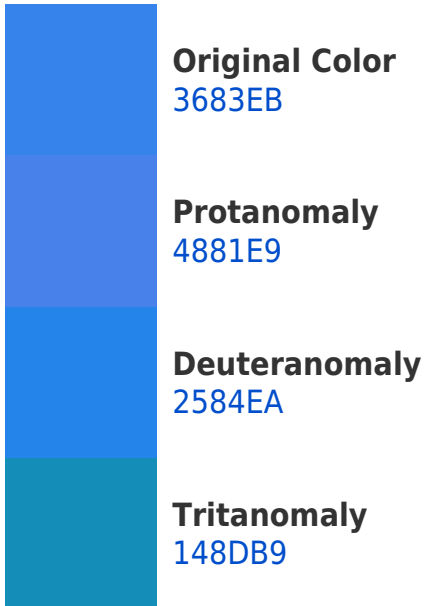
Dichromacy



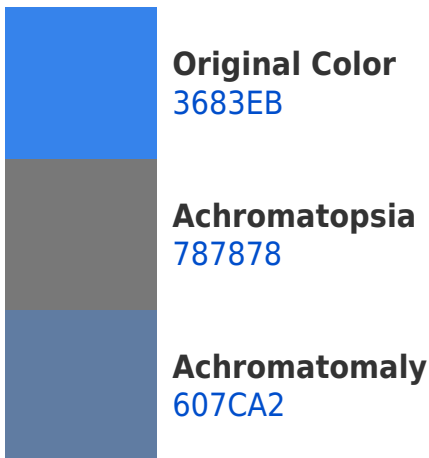


Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3683EB 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 #3683EB looks like.

```
.text, #text, p{  
    color:#3683EB  
}
```

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 #3683EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3683EB
}
```

Border

The CSS property to change the border of an element to Hex 3683EB 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
#3683EB }
```

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

```
.border{ border-color:#3683EB }
```

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

Here you see how a box with a 4 pixel #3683EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3683EB; -webkit-box-shadow:4px 4px  
4px 4px #3683EB; box-shadow:4px 4px 4px  
4px #3683EB }
```

Background

The CSS property to change the background color of an element to Hex 3683EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3683EB }
```

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

```
.background{ background-color:#3683EB }
```

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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