

Converting Colors

Hex(0058EB)

Have a look what the booklet for
Hex(0058EB) contains.

Hex(0058EB)	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>	29

Color

Hex(0058EB)

Conversions

Conversions Part 1

Format	Color
Hex	0058EB
RGB	0, 88, 235
RGB Percent	0%, 35%, 92%
CMY	1.0000, 0.6549, 0.0784
CMYK	1.00, 0.63, 0.00, 0.08
HSL	218°, 100%, 46%
HSV	218°, 100%, 92%
XYZ	18.4851, 12.9776, 80.1279
YIQ	78.4460, -99.6350, 27.0610

Conversions

Conversions Part 2

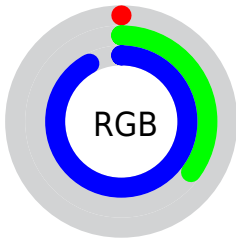
Format	Color
RYB	0, 64, 235
Decimal	22763
CIELab	42.73, 36.54, -79.31
CIELCh	43, 87.324, 294.739
Yxy	12.9776, 0.1657, 0.1163
Android (android.graphics.Color)	4278212843 (0xFF0058EB)
YUV	78.4460, 77.1811, -68.7971
Hunter-Lab	36.0244, 28.5504, -106.6596

Details

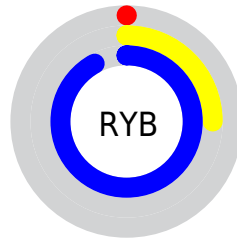
The Hex color **0058EB** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **EB9300**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6D89FF**, and **002CB2** is the 20% darker color. If you saturate the color by 10%, you get **0058EB**, and if you desaturate by 10%, it is **1767EB**.

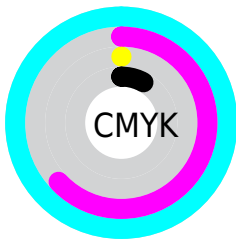
Distribution



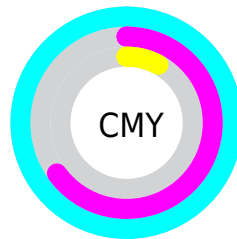
- Red (0%)
- Green (35%)
- Blue (92%)



- Red (0%)
- Yellow (25%)
- Blue (92%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (65%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0058EB 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 0058EB by changing the saturation by 10% instead.

 0058EB

 0058EB

FFFFFF

 0041CE

 6D89FF

 002CB2

 8FA3FF

 001A96

 AFBEFF


 00057C

 CFDAFF

 000C62

 EE77FF


 000949

 000431

 00011B

 000000

 0058EB

 1767EB

 2F75EB

 4784EB

 5E93EB

 76A2EB

 8DB0EB

 A4BFEB

 BCCEEB

 D3DCEB

Harmonies

Analogous

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



0073F8



0058EB



AB1CBA

Triad

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



0058EB



BA3600



008056

Complementary

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



0058EB



EB9300

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.



007C00



0058EB



865E00

Square

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



0058EB



D8002F



407200



0081A0

Rectangle

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



0058EB



CE008D



407200



007F3C

Sweetspot

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



0058EB



B3CFFF



00EB91



526380



000000



808080

Same Dimension

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



0058EB



005FFF



1B00EB



6A6E75



0044B5



001436

Inverse Universe

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



EB0058



FF005F



D0EB00



756A6E



B50044



360014

Previews

White Background



This preview shows how the Hex color 0058EB looks on a white background.

Color Contrast Check

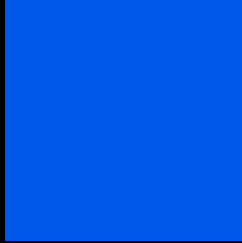
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0058EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

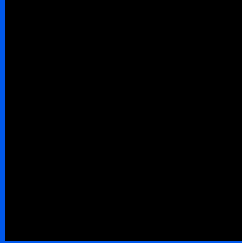
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0058EB Background



This preview shows how black text looks on a background with the Hex color 0058EB.



This preview shows how white text looks on a background with the Hex color 0058EB.

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](#).

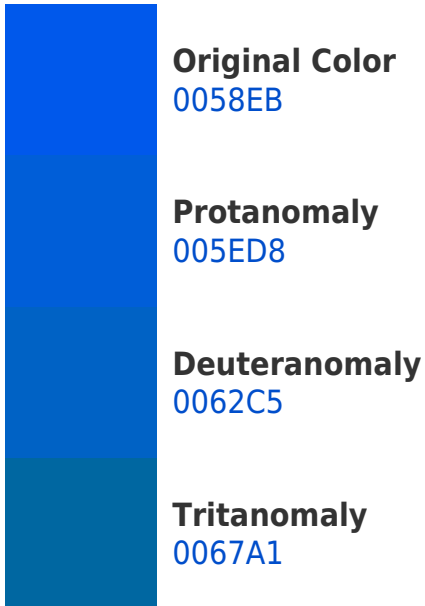
Dichromacy





Tritanopia
007076

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0058EB 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 #0058EB looks like.

```
.text, #text, p{  
    color:#0058EB  
}
```

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 #0058EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0058EB
}
```

Border

The CSS property to change the border of an element to Hex 0058EB is called "border". The border property can be set on classes, ids or directly on the HTML element.

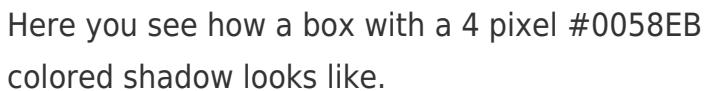
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0058EB }
```

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

```
.border{ border-color:#0058EB }
```

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



Here you see how a box with a 4 pixel #0058EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0058EB; -webkit-box-shadow:4px 4px  
4px 4px #0058EB; box-shadow:4px 4px 4px  
4px #0058EB }
```

Background

The CSS property to change the background color of an element to Hex 0058EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0058EB }
```

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

```
.background{ background-color:#0058EB }
```

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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