

Converting Colors

Hex(0085EF)

Have a look what the booklet for
Hex(0085EF) contains.

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Color

Hex(0085EF)

Conversions

Conversions Part 1

Format	Color
Hex	0085EF
RGB	0, 133, 239
RGB Percent	0%, 52%, 94%
CMY	1.0000, 0.4784, 0.0627
CMYK	1.00, 0.44, 0.00, 0.06
HSL	207°, 100%, 47%
HSV	207°, 100%, 94%
XYZ	23.9675, 23.0071, 84.8389
YIQ	105.3170, -113.2940, 4.7700

Conversions

Conversions Part 2

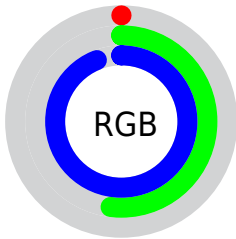
Format	Color
R _Y B	0, 85, 239
Decimal	34287
CIE Lab	55.08, 9.51, -61.49
CIE LCh	55, 62.218, 278.791
Yxy	23.0071, 0.1818, 0.1745
Android (android.graphics.Color)	4278224367 (0xFF0085EF)
YUV	105.3170, 65.9057, -92.3630
Hunter-Lab	47.9657, 5.2531, -71.2928

Details

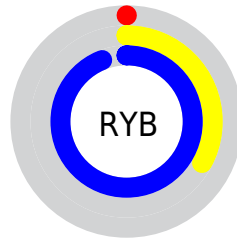
The Hex color **0085EF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EF6A00**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6CB9FF**, and **0055B6** is the 20% darker color. If you saturate the color by 10%, you get **0085EF**, and if you desaturate by 10%, it is **1890EF**.

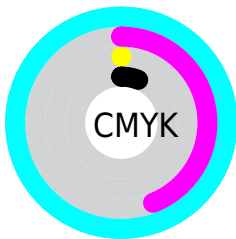
Distribution



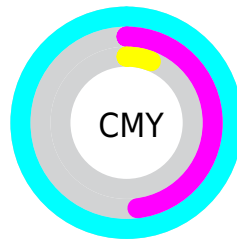
- Red (0%)
- Green (52%)
- Blue (94%)



- Red (0%)
- Yellow (33%)
- Blue (94%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (6%)




- Cyan (100%)
- Magenta (48%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0085EF 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 0085EF by changing the saturation by 10% instead.

 0085EF

 0085EF

FFFFFF

 006CD2

 6CB9FF

 0055B6

 8DD5FF

 003E9B

 ADF1FF

 002A80

 CDFFFF

 001766

 ECFFFF

 000A4E

 000536

 000220

 000003

■ 0085EF

■ 1890EF

■ 309AEF

■ 48A5EF

■ 60AFEF

■ 77BAEF

■ 8FC5EF

■ A7CFEF

■ BFDAEF

■ D7E4EF

Harmonies

Analogous

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



0094E8



0085EF



9A6ED9

Triad

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



0085EF



DB5B43



009A5B

Complementary

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



0085EF



EF6A00

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.



559326



0085EF



BC7314

Square

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



0085EF



E44C76



8F8600



009D93

Rectangle

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



0085EF



C25DBD



8F8600



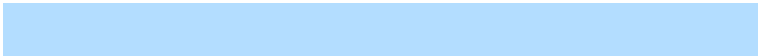
009849

Sweetspot

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



0085EF



B3DDFF



00EF68



526B80



000000



808080

Same Dimension

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



0085EF



008EFF



0010EF



6C7378



0066B8



001F38

Inverse Universe

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



EF0085



FF008E



EFDFF0



786C73



B80066



38001F

Previews

White Background



This preview shows how the Hex color 0085EF looks on a white background.

Color Contrast Check

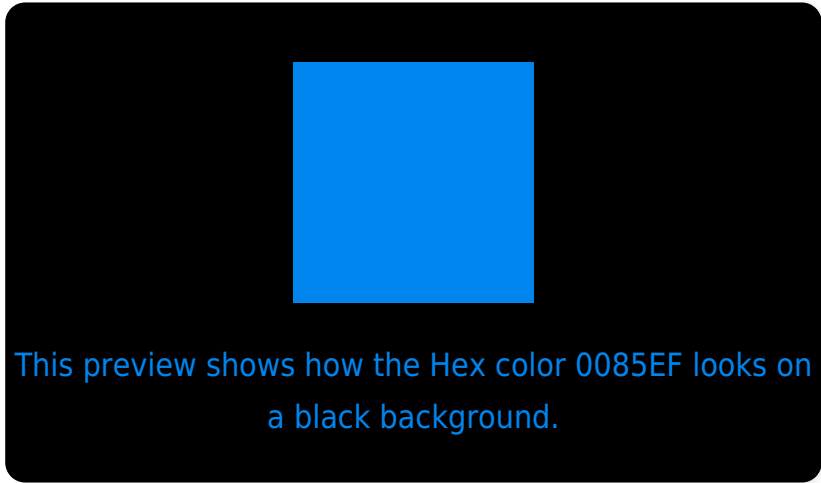
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

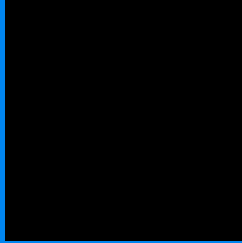
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

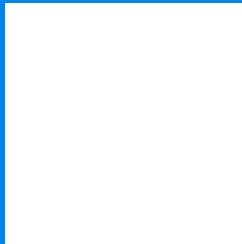
Any Text WCAG AAA × Fail

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

Hex 0085EF Background



This preview shows how black text looks on a background with the Hex color 0085EF.



This preview shows how white text looks on a background with the Hex color 0085EF.

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](#).

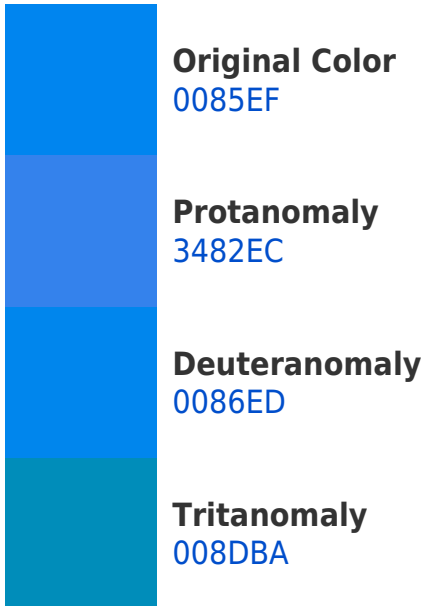
Dichromacy





Tritanopia
00929C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0085EF 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 #0085EF looks like.

```
.text, #text, p{  
    color:#0085EF  
}
```

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 #0085EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0085EF
}
```

Border

The CSS property to change the border of an element to Hex 0085EF 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
#0085EF }
```

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

```
.border{ border-color:#0085EF }
```

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

Here you see how a box with a 4 pixel #0085EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0085EF; -webkit-box-shadow:4px 4px  
4px 4px #0085EF; box-shadow:4px 4px 4px  
4px #0085EF }
```

Background

The CSS property to change the background color of an element to Hex 0085EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0085EF }
```

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

```
.background{ background-color:#0085EF }
```

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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