

Converting Colors

Hex(0085EB)

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

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Color

Hex(0085EB)

Conversions

Conversions Part 1

Format	Color
Hex	0085EB
RGB	0, 133, 235
RGB Percent	0%, 52%, 92%
CMY	1.0000, 0.4784, 0.0784
CMYK	1.00, 0.43, 0.00, 0.08
HSL	206°, 100%, 46%
HSV	206°, 100%, 92%
XYZ	23.3829, 22.7732, 81.7605
YIQ	104.8610, -112.0100, 3.5260

Conversions

Conversions Part 2

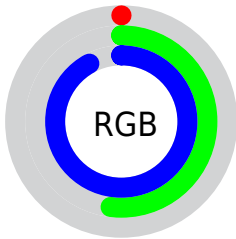
Format	Color
R _{YB}	0, 85, 235
Decimal	34283
CIE Lab	54.84, 7.96, -59.65
CIE LCh	55, 60.179, 277.602
Yxy	22.7732, 0.1828, 0.1780
Android (android.graphics.Color)	4278224363 (0xFF0085EB)
YUV	104.8610, 64.1585, -91.9631
Hunter-Lab	47.7213, 3.9508, -68.1762

Details

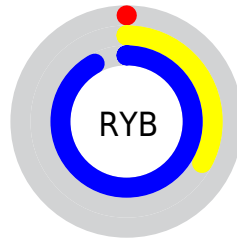
The Hex color **0085EB** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EB6600**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6BBAFF**, and **0054B2** is the 20% darker color. If you saturate the color by 10%, you get **0085EB**, and if you desaturate by 10%, it is **178FEB**.

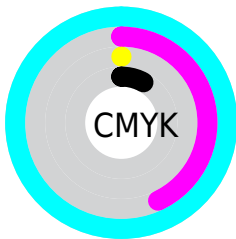
Distribution



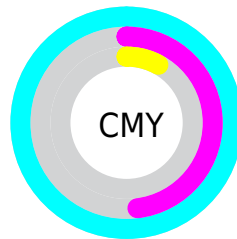
- Red (0%)
- Green (52%)
- Blue (92%)



- Red (0%)
- Yellow (33%)
- Blue (92%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (48%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 0085EB

 0085EB

FFFFFF

 006CCE

 6BBAFF

 0054B2

 8CD5FF

 003E97

 ACF1FF

 002A7D

 CBFFFF

 001663

 EBFFFF

 00094A

 000433

 00021D

 000000

 0085EB

 178FEB

 2F99EB

 47A4EB

 5EAEEB

 76B8EB

 8DC2EB

 A4CCEB

 BCD7EB

 D3E1EB

Harmonies

Analogous

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



0093E3



0085EB



966FD6

Triad

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



0085EB



D95C46



009959

Complementary

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



0085EB



EB6600

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.



599228



0085EB



BC721B

Square

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



0085EB



E04F78



918500



009C8F

Rectangle

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



0085EB



BE5FBC



918500



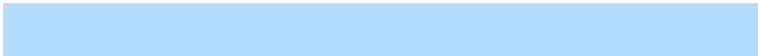
149748

Sweetspot

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



0085EB



B3DEFF



00EB66



526C80



000000



808080

Same Dimension

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



0085EB



0090FF



0010EB



6A7075



0066B5



001E36

Inverse Universe

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



EB0085



FF0090



EBDB00



756A70



B50066



36001E

Previews

White Background



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

Color Contrast Check

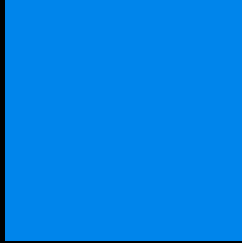
Large Text (above 18pt) WCAG AA ✓ Pass

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 0085EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

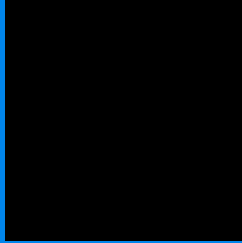
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

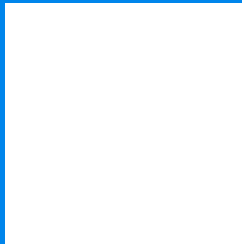
Any Text WCAG AAA × Fail

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

Hex 0085EB Background



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



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

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
00919B

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0085EB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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