

Converting Colors

Hex(0083ED)

Have a look what the booklet for
Hex(0083ED) contains.

Hex(0083ED)	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(0083ED)

Conversions

Conversions Part 1

Format	Color
Hex	0083ED
RGB	0, 131, 237
RGB Percent	0%, 51%, 93%
CMY	1.0000, 0.4863, 0.0706
CMYK	1.00, 0.45, 0.00, 0.07
HSL	207°, 100%, 46%
HSV	207°, 100%, 93%
XYZ	23.4024, 22.3470, 83.2007
YIQ	103.9150, -112.1020, 5.1940

Conversions

Conversions Part 2

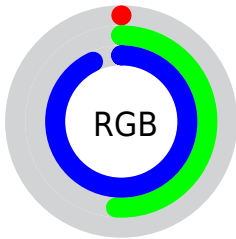
Format	Color
RYB	0, 84, 237
Decimal	33773
CIELab	54.39, 9.96, -61.48
CIELCh	54, 62.281, 279.207
Yxy	22.3470, 0.1815, 0.1733
Android (android.graphics.Color)	4278223853 (0xFF0083ED)
YUV	103.9150, 65.6109, -91.1335
Hunter-Lab	47.2726, 5.6395, -71.2607

Details

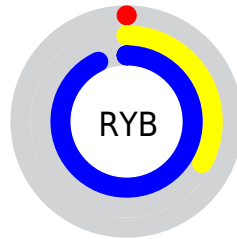
The Hex color **0083ED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **ED6A00**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **6BB7FF**, and **0053B4** is the 20% darker color. If you saturate the color by 10%, you get **0083ED**, and if you desaturate by 10%, it is **188EED**.

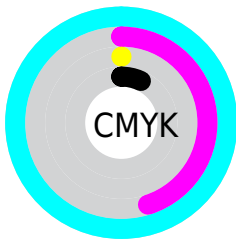
Distribution



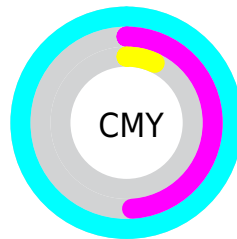
- Red (0%)
- Green (51%)
- Blue (93%)



- Red (0%)
- Yellow (33%)
- Blue (93%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (49%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0083ED 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 0083ED by changing the saturation by 10% instead.

 0083ED

 0083ED

FFFFFF

 006AD0

 6BB7FF

 0053B4

 8DD3FF

 003D99

 ADEFFF

 00287E

 CCFFFF

 001565

 ECFFFF

 00094C

 000434

 00021E

 000000

 0083ED

 188EED

 2F98ED

 47A3ED

 5FADED

 76B8ED

 8EC3ED

 A6CDED

 BED8ED

 D5E2ED

Harmonies

Analogous

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



0092E7



0083ED



996CD6

Triad

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



0083ED



D95A41



00985A

Complementary

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



0083ED



ED6A00

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.



529225



0083ED



BA7110

Square

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



0083ED



E24A74



8D8500



009B92

Rectangle

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



0083ED



C15BBA



8D8500



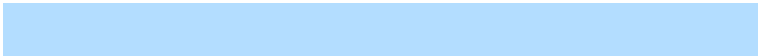
009748

Sweetspot

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



0083ED



B3DDFF



00ED67



526B80



000000



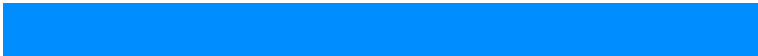
808080

Same Dimension

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



0083ED



008DFF



0010ED



6A7075



0064B5



001E36

Inverse Universe

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



ED0083



FF008D



EDDD00



756A70



B50064



36001E

Previews

White Background



This preview shows how the Hex color 0083ED 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 0083ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

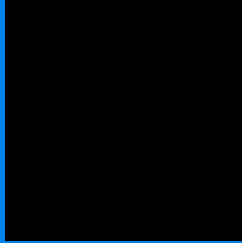
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

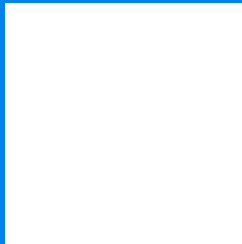
Any Text WCAG AAA × Fail

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

Hex 0083ED Background



This preview shows how black text looks on a background with the Hex color 0083ED.



This preview shows how white text looks on a background with the Hex color 0083ED.

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](#).

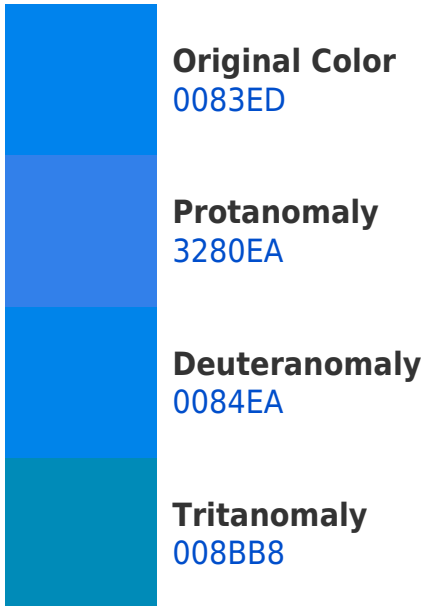
Dichromacy



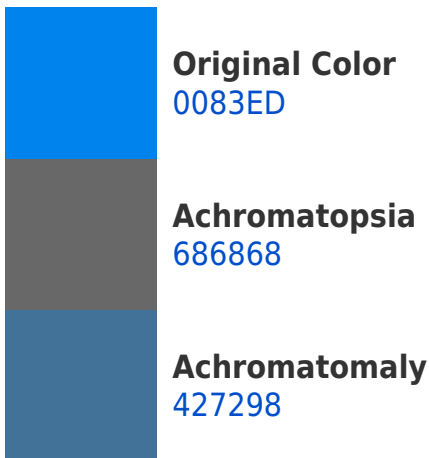


Tritanopia
009099

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0083ED 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 #0083ED looks like.

```
.text, #text, p{  
    color:#0083ED  
}
```

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 #0083ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0083ED
}
```

Border

The CSS property to change the border of an element to Hex 0083ED 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
#0083ED }
```

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

```
.border{ border-color:#0083ED }
```

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

Here you see how a box with a 4 pixel #0083ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0083ED; -webkit-box-shadow:4px 4px  
4px 4px #0083ED; box-shadow:4px 4px 4px  
4px #0083ED }
```

Background

The CSS property to change the background color of an element to Hex 0083ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0083ED }
```

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

```
.background{ background-color:#0083ED }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor