

Converting Colors

Hex(0087ED)

Have a look what the booklet for
Hex(0087ED) contains.

Hex(0087ED)	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(0087ED)

Conversions

Conversions Part 1

Format	Color
Hex	0087ED
RGB	0, 135, 237
RGB Percent	0%, 53%, 93%
CMY	1.0000, 0.4706, 0.0706
CMYK	1.00, 0.43, 0.00, 0.07
HSL	206°, 100%, 46%
HSV	206°, 100%, 93%
XYZ	23.9500, 23.4424, 83.3833
YIQ	106.2630, -113.2020, 3.1020

Conversions

Conversions Part 2

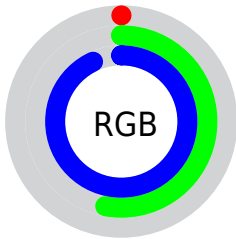
Format	Color
RYB	0, 86, 237
Decimal	34797
CIELab	55.53, 7.51, -59.66
CIElCh	56, 60.132, 277.177
Yxy	23.4424, 0.1831, 0.1793
Android (android.graphics.Color)	4278224877 (0xFF0087ED)
YUV	106.2630, 64.4533, -93.1927
Hunter-Lab	48.4173, 3.5662, -68.2159

Details

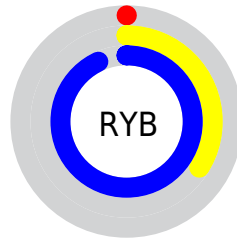
The Hex color **0087ED** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **ED6600**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **6BBCFF**, and **0056B4** is the 20% darker color. If you saturate the color by 10%, you get **0087ED**, and if you desaturate by 10%, it is **1891ED**.

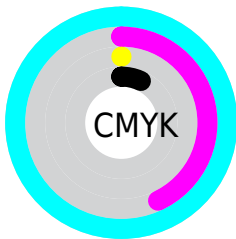
Distribution



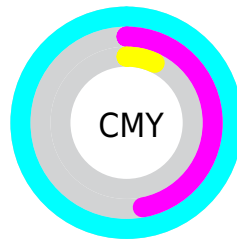
- Red (0%)
- Green (53%)
- Blue (93%)



- Red (0%)
- Yellow (34%)
- Blue (93%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0087ED 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 0087ED by changing the saturation by 10% instead.

 0087ED

 0087ED

FFFFFF

 006ED0

 6BBCFF

 0056B4

 8DD7FF

 004099

 ADF3FF

 002B7E

 CCFFFF

 001865

 ECFFFF

 00094C

 000434

 00021E

 000001

 0087ED

 1891ED

 2F9BED

 47A6ED

 5FB0ED

 76BAED

 8EC4ED

 A6CEED

 BED9ED

 D5E3ED

Harmonies

Analogous

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



0095E5



0087ED



9771D9

Triad

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



0087ED



DB5D49



009B5A

Complementary

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



0087ED



ED6600

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.



5C9429



0087ED



BE731E

Square

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



0087ED



E2517B



938703



009D90

Rectangle

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



0087ED



BF61BE



938703



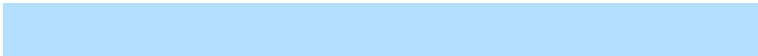
1B9949

Sweetspot

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



0087ED



B3DEFF



00ED63



526C80



000000



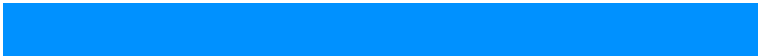
808080

Same Dimension

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



0087ED



0091FF



0014ED



6A7075



0067B5



001F36

Inverse Universe

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



ED0087



FF0091



EDD900



756A70



B50067



36001F

Previews

White Background



This preview shows how the Hex color 0087ED 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 0087ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

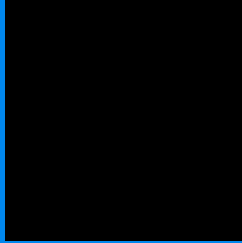
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

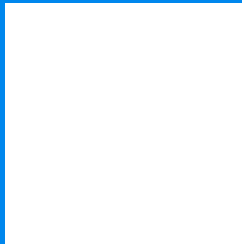
Any Text WCAG AAA × Fail

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

Hex 0087ED Background



This preview shows how black text looks on a background with the Hex color 0087ED.

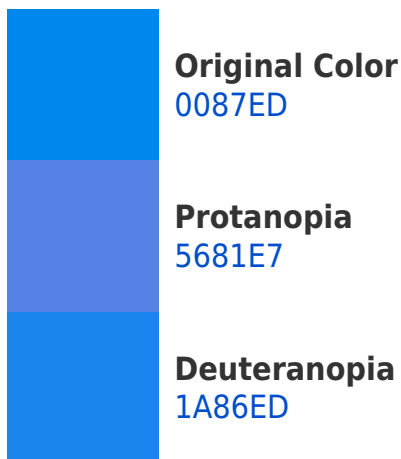


This preview shows how white text looks on a background with the Hex color 0087ED.

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](#).

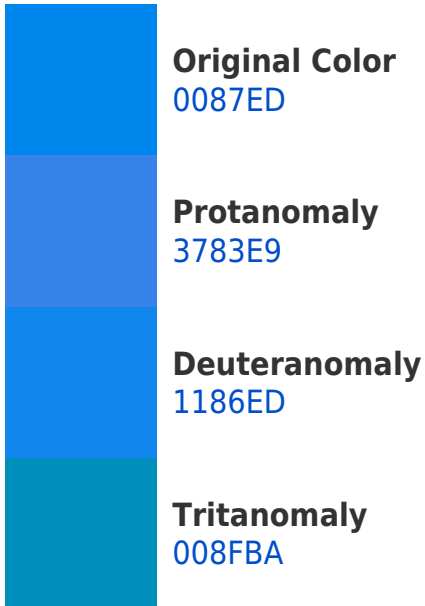
Dichromacy





Tritanopia
00939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0087ED 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 #0087ED looks like.

```
.text, #text, p{  
    color:#0087ED  
}
```

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 #0087ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087ED
}
```

Border

The CSS property to change the border of an element to Hex 0087ED 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
#0087ED }
```

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

```
.border{ border-color:#0087ED }
```

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

Here you see how a box with a 4 pixel #0087ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087ED; -webkit-box-shadow:4px 4px  
4px 4px #0087ED; box-shadow:4px 4px 4px  
4px #0087ED }
```

Background

The CSS property to change the background color of an element to Hex 0087ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087ED }
```

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

```
.background{ background-color:#0087ED }
```

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