

Converting Colors

Hex(0087E3)

Have a look what the booklet for
Hex(0087E3) contains.

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Color

Hex(0087E3)

Conversions

Conversions Part 1

Format	Color
Hex	0087E3
RGB	0, 135, 227
RGB Percent	0%, 53%, 89%
CMY	1.0000, 0.4706, 0.1098
CMYK	1.00, 0.41, 0.00, 0.11
HSL	204°, 100%, 45%
HSV	204°, 100%, 89%
XYZ	22.5291, 22.8740, 75.9008
YIQ	105.1230, -109.9920, -0.0080

Conversions

Conversions Part 2

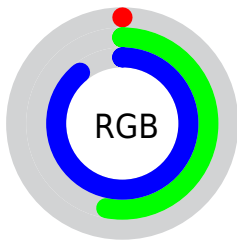
Format	Color
R _{YB}	0, 85, 227
Decimal	34787
CIE Lab	54.94, 3.65, -55.02
CIE LCh	55, 55.141, 273.796
Yxy	22.8740, 0.1857, 0.1886
Android (android.graphics.Color)	4278224867 (0xFF0087E3)
YUV	105.1230, 60.0854, -92.1929
Hunter-Lab	47.8268, 0.3867, -60.6141

Details

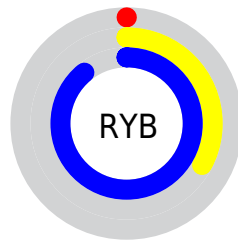
The Hex color **0087E3** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E35C00**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **69BCFF**, and **0056AB** is the 20% darker color. If you saturate the color by 10%, you get **0087E3**, and if you desaturate by 10%, it is **1790E3**.

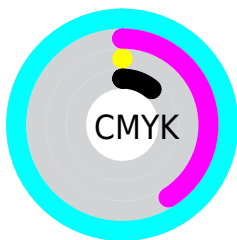
Distribution



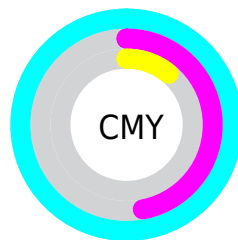
- Red (0%)
- Green (53%)
- Blue (89%)



- Red (0%)
- Yellow (33%)
- Blue (89%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (47%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0087E3 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 0087E3 by changing the saturation by 10% instead.

0087E3

0087E3

FFFFFF

006EC7

69BCFF

0056AB

8AD7FF

004090

A9F4FF

002B76

C8FFFF

00175C

E8FFFF

000844

00032D

000117

000000

 0087E3

 1790E3

 2D99E3

 44A3E3

 5BACE3

 72B5E3

 88BEE3

 9FC7E3

 B6D1E3

 CCDAE3

Harmonies

Analogous

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



0093D9



0087E3



8D74D3

Triad

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



0087E3



D55E51



009757

Complementary

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



0087E3



E35C00

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.



65902D



0087E3



BD712B

Square

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



0087E3



D9567F



978318



009A88

Rectangle

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



0087E3



B466BD



978318



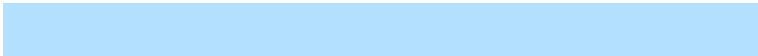
389548

Sweetspot

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



0087E3



B3E0FF



00E35B



526D80



000000



808080

Same Dimension

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



0087E3



0098FF



0017E3



676E73



006AB3



001E33

Inverse Universe

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



E30087



FF0098



E3CC00



73676E



B3006A



33001E

Previews

White Background



This preview shows how the Hex color 0087E3 looks on a white background.

Color Contrast Check

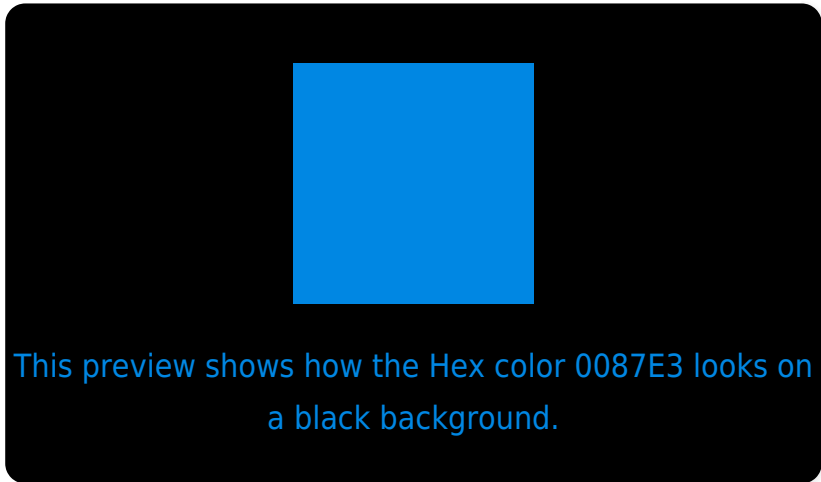
Large Text (above 18pt) WCAG AA ✓ Pass

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

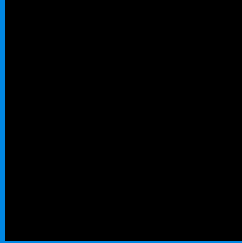
Any Text WCAG AA ✓ Pass

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 0087E3 Background



This preview shows how black text looks on a background with the Hex color 0087E3.



This preview shows how white text looks on a background with the Hex color 0087E3.

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](#).

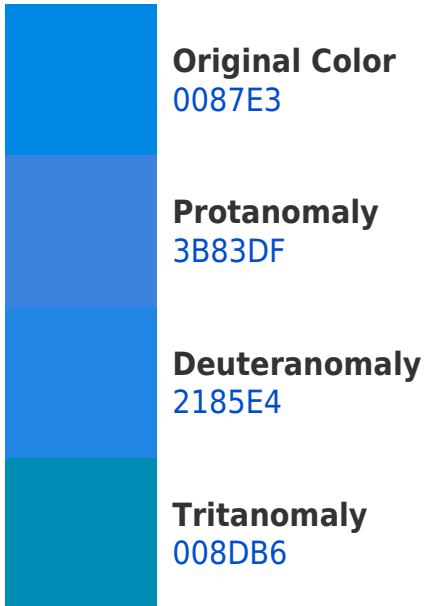
Dichromacy





Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0087E3 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 #0087E3 looks like.

```
.text, #text, p{  
    color:#0087E3  
}
```

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 #0087E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087E3
}
```

Border

The CSS property to change the border of an element to Hex 0087E3 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
#0087E3 }
```

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

```
.border{ border-color:#0087E3 }
```

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

Here you see how a box with a 4 pixel #0087E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087E3; -webkit-box-shadow:4px 4px  
4px 4px #0087E3; box-shadow:4px 4px 4px  
4px #0087E3 }
```

Background

The CSS property to change the background color of an element to Hex 0087E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087E3 }
```

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

```
.background{ background-color:#0087E3 }
```

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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