

Converting Colors

Hex(0089E0)

Have a look what the booklet for
Hex(0089E0) contains.

Hex(0089E0)	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(0089E0)

Conversions

Conversions Part 1

Format	Color
Hex	0089E0
RGB	0, 137, 224
RGB Percent	0%, 54%, 88%
CMY	1.0000, 0.4627, 0.1216
CMYK	1.00, 0.39, 0.00, 0.12
HSL	203°, 100%, 44%
HSV	203°, 100%, 88%
XYZ	22.4002, 23.2731, 73.8326
YIQ	105.9550, -109.5790, -1.9870

Conversions

Conversions Part 2

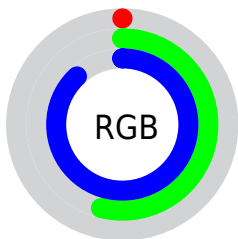
Format	Color
RYB	0, 85, 224
Decimal	35296
CIELab	55.35, 1.29, -52.69
CIELCh	55, 52.703, 271.404
Yxy	23.2731, 0.1874, 0.1947
Android (android.graphics.Color)	4278225376 (0xFF0089E0)
YUV	105.9550, 58.1962, -92.9225
Hunter-Lab	48.2422, -1.5414, -56.9711

Details

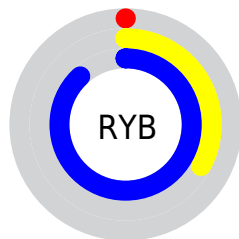
The Hex color **0089E0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E05700**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **68BEFF**, and **0058A8** is the 20% darker color. If you saturate the color by 10%, you get **0089E0**, and if you desaturate by 10%, it is **1692E0**.

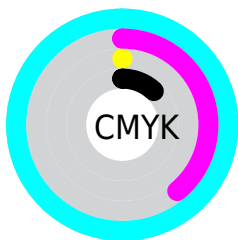
Distribution



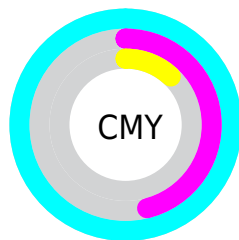
- Red (0%)
- Green (54%)
- Blue (88%)



- Red (0%)
- Yellow (33%)
- Blue (88%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0089E0 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 0089E0 by changing the saturation by 10% instead.

 0089E0

 0089E0

FFFFFF

 0070C4

 68BEFF

 0058A8

 89DAFF

 00418D

 A8F6FF

 002C73

 C7FFFF

 00185A

 E6FFFF

 000742

 00032B

 000115

 000000

■ 0089E0

■ 1692E0

■ 2D9AE0

■ 43A3E0

■ 5AACE0

■ 70B4E0

■ 86BDE0

■ 9DC6E0

■ B3CFE0

■ CAD7E0

Harmonies

Analogous

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



0094D4



0089E0



8878D3

Triad

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



0089E0



D56158



259757

Complementary

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



0089E0



E05700

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.



6D9031



0089E0



BF7233

Square

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



0089E0



D65A84



9B8320



009A85

Rectangle

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



0089E0



AF6ABE



9B8320



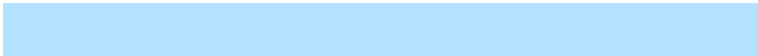
449549

Sweetspot

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



0089E0



B3E1FF



00E056



526E80



000000



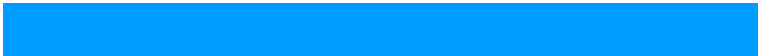
808080

Same Dimension

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



0089E0



009CFF



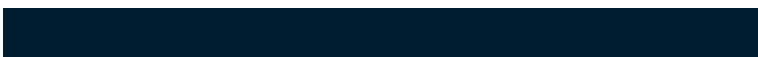
001AE0



656C70



006CB0



001E30

Inverse Universe

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



E00089



FF009C



E0C600



70656C



B0006C



30001E

Previews

White Background



This preview shows how the Hex color 0089E0 looks on a white background.

Color Contrast Check

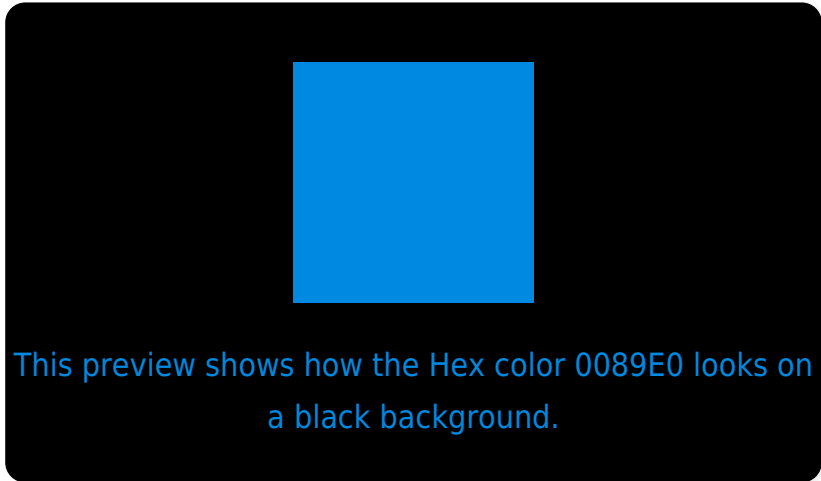
Large Text (above 18pt) WCAG AA ✓ Pass

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 0089E0 Background



This preview shows how black text looks on a background with the Hex color 0089E0.

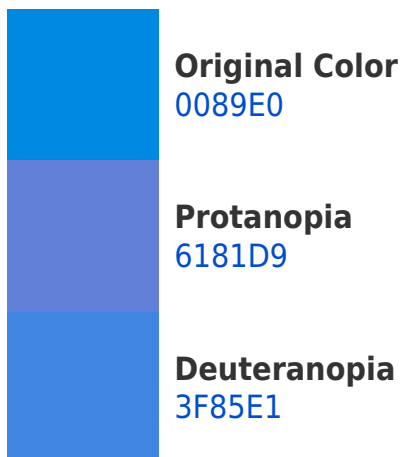


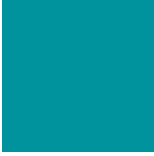
This preview shows how white text looks on a background with the Hex color 0089E0.

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](#).

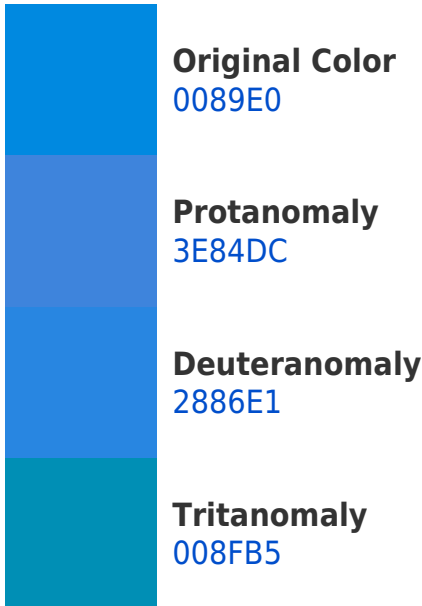
Dichromacy





Tritanopia
00939D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0089E0 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 #0089E0 looks like.

```
.text, #text, p{  
    color:#0089E0  
}
```

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 #0089E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089E0
}
```

Border

The CSS property to change the border of an element to Hex 0089E0 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
#0089E0 }
```

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

```
.border{ border-color:#0089E0 }
```

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

Here you see how a box with a 4 pixel #0089E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089E0; -webkit-box-shadow:4px 4px  
4px 4px #0089E0; box-shadow:4px 4px 4px  
4px #0089E0 }
```

Background

The CSS property to change the background color of an element to Hex 0089E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089E0 }
```

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

```
.background{ background-color:#0089E0 }
```

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