

Converting Colors

Hex(0097E0)

Have a look what the booklet for
Hex(0097E0) contains.

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Color

Hex(0097E0)

Conversions

Conversions Part 1

Format	Color
Hex	0097E0
RGB	0, 151, 224
RGB Percent	0%, 59%, 88%
CMY	1.0000, 0.4078, 0.1216
CMYK	1.00, 0.33, 0.00, 0.12
HSL	200°, 100%, 44%
HSV	200°, 100%, 88%
XYZ	24.5212, 27.5150, 74.5395
YIQ	114.1730, -113.4290, -9.3090

Conversions

Conversions Part 2

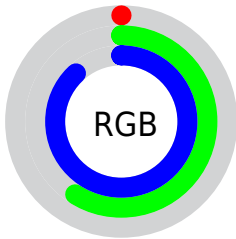
Format	Color
RYB	0, 90, 224
Decimal	38880
CIELab	59.45, -6.91, -46.18
CIELCh	59, 46.698, 261.495
Yxy	27.5150, 0.1937, 0.2174
Android (android.graphics.Color)	4278228960 (0xFF0097E0)
YUV	114.1730, 54.1447, -100.1297
Hunter-Lab	52.4548, -8.3521, -47.5342

Details

The Hex color **0097E0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E04900**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **68CDFF**, and **0065A8** is the 20% darker color. If you saturate the color by 10%, you get **0097E0**, and if you desaturate by 10%, it is **169EE0**.

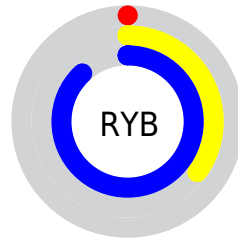
Distribution



Red (0%)

Green (59%)

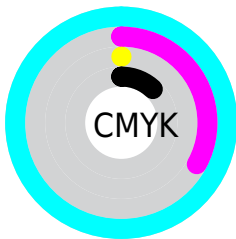
Blue (88%)



Red (0%)

Yellow (35%)

Blue (88%)

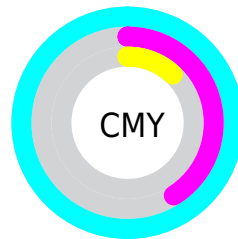


Cyan (100%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (100%)

Magenta (41%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0097E0 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 0097E0 by changing the saturation by 10% instead.

 0097E0

 0097E0

FFFFFF

 007DC4

 68CDFF

 0065A8

 89E9FF

 004D8E

 A9FFFF

 003774

 C8FFFF

 00225A

 E7FFFF

 000743

 00032C

 000116

 000000

■ 0097E0

■ 169EE0

■ 2DA6E0

■ 43ADE0

■ 5AB4E0

■ 70BBE0

■ 86C3E0

■ 9DCAE0

■ B3D1E0

■ CAD9E0

Harmonies

Analogous

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



00A0CE



0097E0



7F89DC

Triad

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



0097E0



DC6E73



599F5A

Complementary

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



0097E0



E04900

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.



8A963F



0097E0



CE7A50

Square

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



0097E0



D56D9D



B1893B



00A382

Rectangle

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



0097E0



A77ECD



B1893B



6B9C4F

Sweetspot

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



0097E0



B3E6FF



00E047



527180



000000



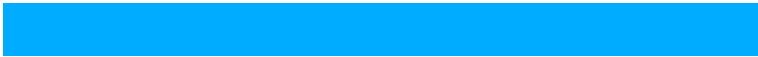
808080

Same Dimension

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



0097E0



00ACFF



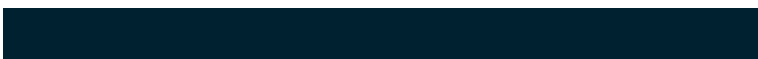
0029E0



656D70



0077B0



002130

Inverse Universe

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



E00097



FF00AC



E0B700



70656D



B00077



300021

Previews

White Background



This preview shows how the Hex color 0097E0 looks on a white background.

Color Contrast Check

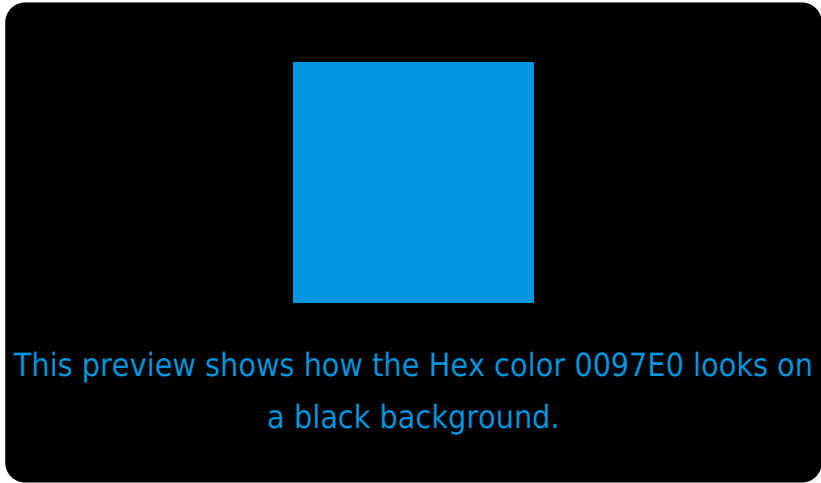
Large Text (above 18pt) WCAG AA ✓ Pass

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

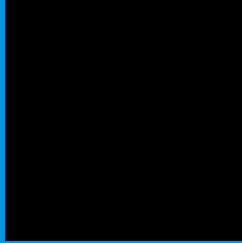
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

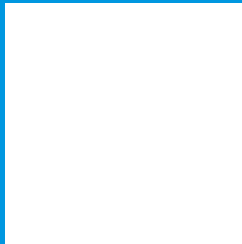
Any Text WCAG AAA × Fail

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

Hex 0097E0 Background



This preview shows how black text looks on a background with the Hex color 0097E0.

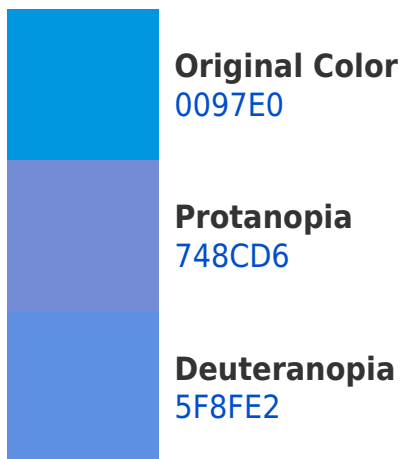


This preview shows how white text looks on a background with the Hex color 0097E0.

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
009EAA

Trichromacy



Original Color
0097E0



Protanomaly
4A90DA



Deuteranomaly
3C92E1



Tritanomaly
009BBE

Monochromacy



Original Color
0097E0



Achromatopsia
727272



Achromatomaly
497F9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0097E0 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 #0097E0 looks like.

```
.text, #text, p{  
    color:#0097E0  
}
```

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 #0097E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0097E0
}
```

Border

The CSS property to change the border of an element to Hex 0097E0 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
#0097E0 }
```

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

```
.border{ border-color:#0097E0 }
```

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

Here you see how a box with a 4 pixel #0097E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0097E0; -webkit-box-shadow:4px 4px  
4px 4px #0097E0; box-shadow:4px 4px 4px  
4px #0097E0 }
```

Background

The CSS property to change the background color of an element to Hex 0097E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0097E0 }
```

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

```
.background{ background-color:#0097E0 }
```

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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