

# Converting Colors

Hex(0097E4)

Have a look what the booklet for  
Hex(0097E4) contains.

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**Color**

**Hex(0097E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0097E4
RGB	0, 151, 228
RGB Percent	0%, 59%, 89%
CMY	1.0000, 0.4078, 0.1059
CMYK	1.00, 0.34, 0.00, 0.11
HSL	200°, 100%, 45%
HSV	200°, 100%, 89%
XYZ	25.0702, 27.7347, 77.4308
YIQ	114.6290, -114.7130, -8.0650

# Conversions

## Conversions Part 2

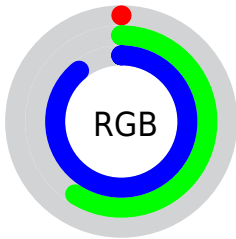
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 228
Decimal	38884
CIELab	59.65, -5.41, -48.09
CIELCh	60, 48.393, 263.580
Yxy	27.7347, 0.1925, 0.2130
Android (android.graphics.Color)	4278228964 (0xFF0097E4)
YUV	114.6290, 55.8919, -100.5296
Hunter-Lab	52.6637, -7.1878, -50.3087

# Details

The Hex color **0097E4** 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 **E44D00**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **69CDFF**, and **0065AC** is the 20% darker color. If you saturate the color by 10%, you get **0097E4**, and if you desaturate by 10%, it is **179FE4**.

# Distribution



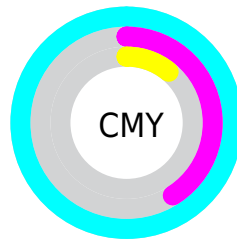
- Red (0%)
- Green (59%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)



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


# Brightness & Saturation Gradients

These gradients show how the Hex color 0097E4 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 0097E4 by changing the saturation by 10% instead.



 0097E4

 0097E4

FFFFFF

 007DC8

 69CDFF

 0065AC

 8AE9FF

 004D91

 AAFFFF

 003777

 C9FFFF

 00225E

 E8FFFF

 000846

 00042E

 000119

 000000

■ 0097E4

■ 179FE4

■ 2EA6E4

■ 44AEE4

■ 5BB6E4

■ 72BEE4

■ 89C5E4

■ A0CDE4

■ B6D5E4

■ CDDCE4

# Harmonies

## Analogous

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



00A1D3



0097E4



8388DE

# Triad

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



0097E4



DE6D70



53A05B

# Complementary

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



0097E4



E44D00

# 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.



87973D



0097E4



CF7A4C

# Square

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



0097E4



D96C9B



B08A38



00A485

# Rectangle

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



0097E4



AC7DCE



B08A38



669E4F

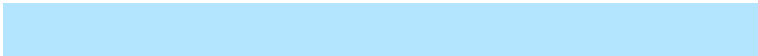


# Sweetspot

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



0097E4



B3E5FF



00E44C



527080



000000



808080

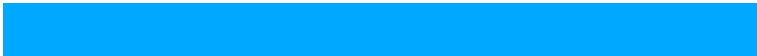


# Same Dimension

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



0097E4



00A9FF



0026E4



676F73



0076B3



002233



# Inverse Universe

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



E40097



FF00A9



E4BE00



73676F



B30076



330022



# Previews

## White Background



This preview shows how the Hex color 0097E4 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 0097E4 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

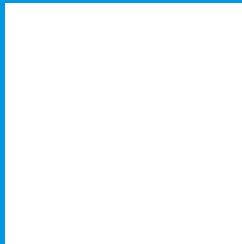
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0097E4 Background



This preview shows how black text looks on a background with the Hex color 0097E4.

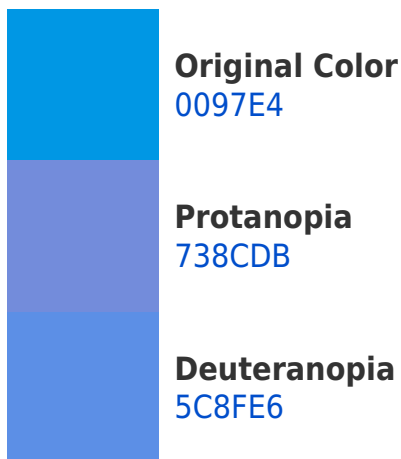


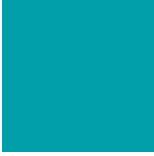
This preview shows how white text looks on a background with the Hex color 0097E4.

# Color Blindness Simulation

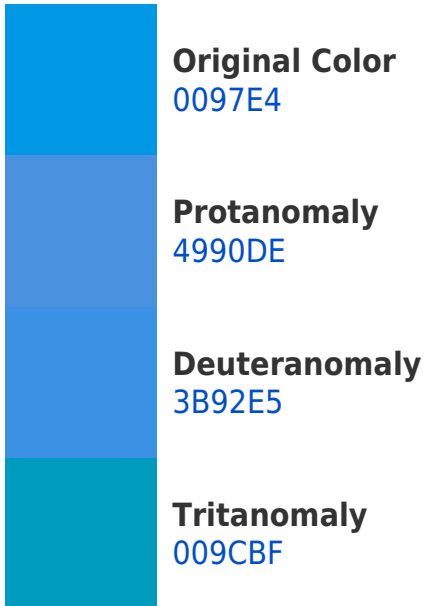
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0097E4 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 #0097E4 looks like.

```
.text, #text, p{  
    color:#0097E4  
}
```

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 #0097E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0097E4
}
```

## Border

The CSS property to change the border of an element to Hex 0097E4 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
#0097E4 }
```

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

```
.border{ border-color:#0097E4 }
```

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

Here you see how a box with a 4 pixel #0097E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0097E4; -webkit-box-shadow:4px 4px  
4px 4px #0097E4; box-shadow:4px 4px 4px  
4px #0097E4 }
```

# Background

The CSS property to change the background color of an element to Hex 0097E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0097E4 }
```

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

```
.background{ background-color:#0097E4 }
```

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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