

# Converting Colors

Hex(0096E7)

Have a look what the booklet for  
Hex(0096E7) contains.

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**Color**

**Hex(0096E7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0096E7
RGB	0, 150, 231
RGB Percent	0%, 59%, 91%
CMY	1.0000, 0.4118, 0.0941
CMYK	1.00, 0.35, 0.00, 0.09
HSL	201°, 100%, 45%
HSV	201°, 100%, 91%
XYZ	25.3302, 27.5822, 79.5902
YIQ	114.3840, -115.4010, -6.6090

# Conversions

## Conversions Part 2

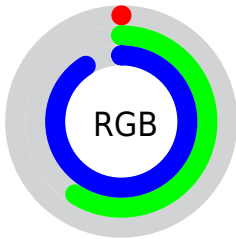
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 231
Decimal	38631
CIELab	59.51, -3.71, -49.97
CIElCh	60, 50.111, 265.756
Yxy	27.5822, 0.1912, 0.2082
Android (android.graphics.Color)	4278228711 (0xFF0096E7)
YUV	114.3840, 57.4917, -100.3148
Hunter-Lab	52.5188, -5.8161, -53.0886

# Details

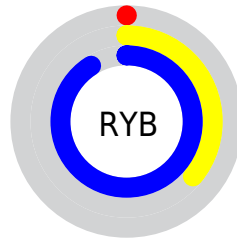
The Hex color **0096E7** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E75100**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **6ACCFE**, and **0064AF** is the 20% darker color. If you saturate the color by 10%, you get **0096E7**, and if you desaturate by 10%, it is **179EE7**.

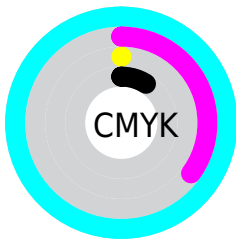
# Distribution



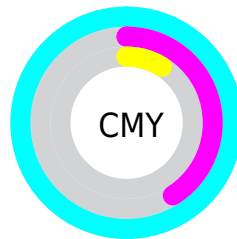
- Red (0%)
- Green (59%)
- Blue (91%)



- Red (0%)
- Yellow (36%)
- Blue (91%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (100%)
- Magenta (41%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0096E7 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 0096E7 by changing the saturation by 10% instead.



 0096E7

 0096E7

FFFFFF

 007CCB

 6ACCFE

 0064AF

 8BE8FF

 004C94

 ABFFFF


 00367A

 CAFFFF

 002260

 E9FFFF

 000848

 000431

 00011B

 000000

■ 0096E7

■ 179EE7

■ 2EA6E7

■ 45AEE7

■ 5CB6E7

■ 74BEE7

■ 8BC7E7

■ A2CFE7

■ B9D7E7

■ D0DFE7

# Harmonies

## Analogous

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



00A0D7



0096E7



8786DF

# Triad

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



0096E7



E06C6C



4AA15C

# Complementary

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



0096E7



E75100

# 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.



82983B



0096E7



CE7A47

# Square

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



0096E7



DC6997



AD8B33



00A587

# Rectangle

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



0096E7



B07ACD



AD8B33



609E4F

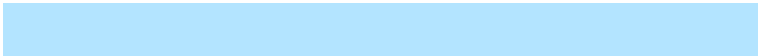


# Sweetspot

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



0096E7



B3E4FF



00E751



526F80



000000



808080

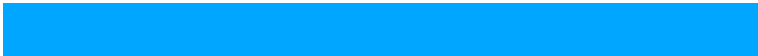


# Same Dimension

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



0096E7



00A6FF



0023E7



676F73



0074B3



002133



# Inverse Universe

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



E70096



FF00A6



E7C400



73676F



B30074



330021



# Previews

## White Background



This preview shows how the Hex color 0096E7 looks on a white background.

## Color Contrast Check

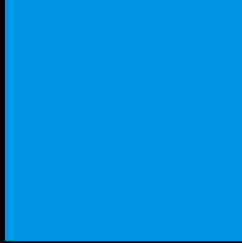
Large Text (above 18pt) WCAG AA ✓ Pass

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 0096E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

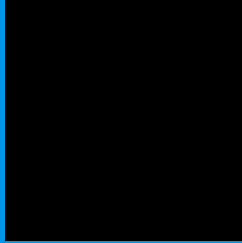
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

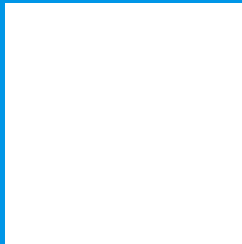
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0096E7 Background



This preview shows how black text looks on a background with the Hex color 0096E7.

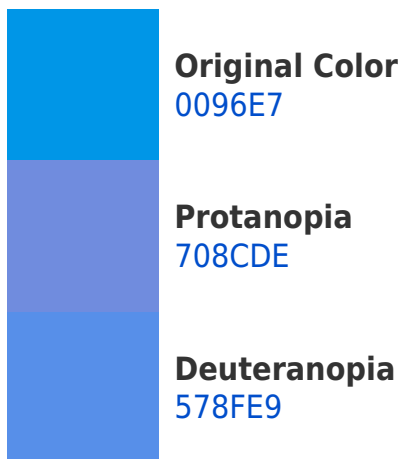


This preview shows how white text looks on a background with the Hex color 0096E7.

# 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



**Original Color**  
0096E7

**Protanomaly**  
4790E1

**Deuteranomaly**  
3792E8

# Monochromacy



**Original Color**  
0096E7

**Achromatopsia**  
727272

**Achromatomaly**  
497F9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0096E7 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 #0096E7 looks like.

```
.text, #text, p{  
    color:#0096E7  
}
```

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 #0096E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0096E7
}
```

## Border

The CSS property to change the border of an element to Hex 0096E7 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
#0096E7 }
```

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

```
.border{ border-color:#0096E7 }
```

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

Here you see how a box with a 4 pixel #0096E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0096E7; -webkit-box-shadow:4px 4px  
4px 4px #0096E7; box-shadow:4px 4px 4px  
4px #0096E7 }
```

# Background

The CSS property to change the background color of an element to Hex 0096E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0096E7 }
```

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

```
.background{ background-color:#0096E7 }
```

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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