

# Converting Colors

Hex(0997ED)

Have a look what the booklet for  
Hex(0997ED) contains.

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# Color

Hex(0997ED)

# Conversions

## Conversions Part 1

Format	Color
Hex	0997ED
RGB	9, 151, 237
RGB Percent	4%, 59%, 93%
CMY	0.9647, 0.4078, 0.0706
CMYK	0.96, 0.36, 0.00, 0.07
HSL	203°, 93%, 48%
HSV	203°, 96%, 93%
XYZ	26.4653, 28.3057, 84.1894
YIQ	118.3460, -112.2380, -3.3580

# Conversions

## Conversions Part 2

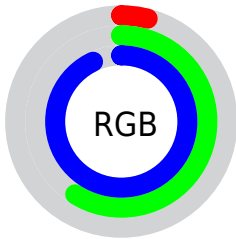
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 97, 237
Decimal	628717
CIELab	60.16, -1.79, -52.25
CIELCh	60, 52.281, 268.035
Yxy	28.3057, 0.1905, 0.2037
Android (android.graphics.Color)	4278818797 (0xFF0997ED)
YUV	118.3460, 58.4964, -95.8964
Hunter-Lab	53.2031, -4.3125, -56.5792

# Details

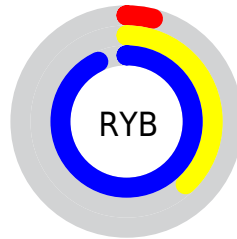
The Hex color **0997ED** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **ED5F09**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6DCDFF**, and **0065B5** is the 20% darker color. If you saturate the color by 10%, you get **0094ED**, and if you desaturate by 10%, it is **21A0ED**.

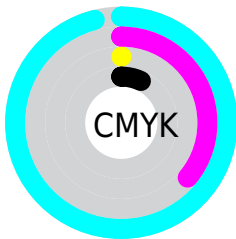
# Distribution



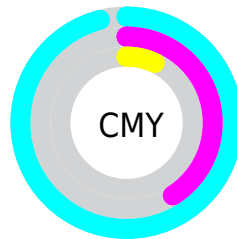
- Red (4%)
- Green (59%)
- Blue (93%)



- Red (4%)
- Yellow (38%)
- Blue (93%)



- Cyan (96%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (96%)
- Magenta (41%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0997ED 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 0997ED by changing the saturation by 10% instead.



0997ED

0997ED

FFFFFF

007DD0

6DCDFF

0065B5

8EE9FF

004D99

AFFFFFF

00377F

CDFFFF

002365

EDFFFF

000B4D

000535

00021F

000002

■ 0997ED

■ 0997ED

■ 0094ED

■ 21A0ED

■ 38A9ED

■ 50B2ED

■ 68BBED

■ 7FC4ED

■ 97CDED

■ AFD6ED

■ C7DFED

■ DEE7ED

# Harmonies

## Analogous

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



00A2DE



0997ED



8D86E3

# Triad

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



0997ED



E46C68



41A35E

# Complementary

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



0997ED



ED5F09

# 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.



7F9B3A



0997ED



D07C43

# Square

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



0997ED



E26896



AD8E2F



00A78C

# Rectangle

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



0997ED



B779CF



AD8E2F



5AA150

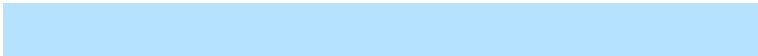


# Sweetspot

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



0997ED



B5E3FF



09ED5D



536F80



000000



808080



# Same Dimension

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



0997ED



009FFF



0927ED



6A7175



0071B5



002136



# Inverse Universe

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



ED0997



FF009F



EDCF09



756A71



B50071

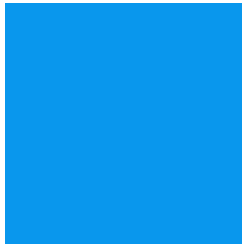


360021



# Previews

## White Background



This preview shows how the Hex color 0997ED 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 0997ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

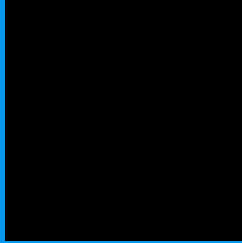
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

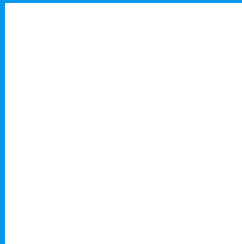
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0997ED Background



This preview shows how black text looks on a background with the Hex color 0997ED.

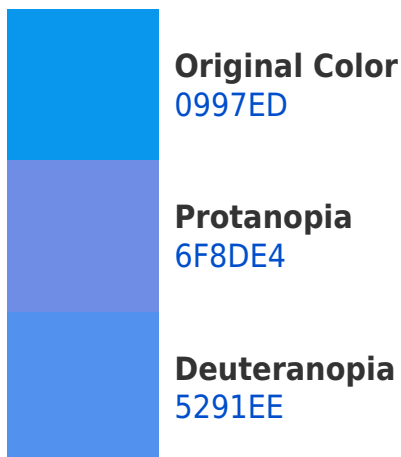


This preview shows how white text looks on a background with the Hex color 0997ED.

# 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](#).

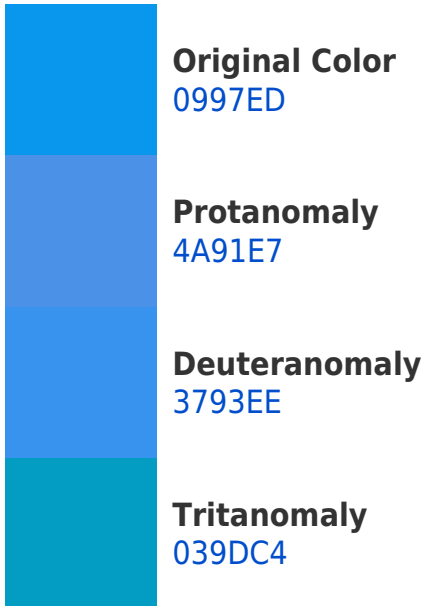
## Dichromacy





**Tritanopia**  
00A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0997ED 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 #0997ED looks like.

```
.text, #text, p{  
    color:#0997ED  
}
```

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 #0997ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0997ED
}
```

## Border

The CSS property to change the border of an element to Hex 0997ED 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
#0997ED }
```

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

```
.border{ border-color:#0997ED }
```

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

Here you see how a box with a 4 pixel #0997ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0997ED; -webkit-box-shadow:4px 4px  
4px 4px #0997ED; box-shadow:4px 4px 4px  
4px #0997ED }
```

# Background

The CSS property to change the background color of an element to Hex 0997ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0997ED }
```

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

```
.background{ background-color:#0997ED }
```

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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