

# Converting Colors

Hex(0095E6)

Have a look what the booklet for  
Hex(0095E6) contains.

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**Color**

**Hex(0095E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0095E6
RGB	0, 149, 230
RGB Percent	0%, 58%, 90%
CMY	1.0000, 0.4157, 0.0980
CMYK	1.00, 0.35, 0.00, 0.10
HSL	201°, 100%, 45%
HSV	201°, 100%, 90%
XYZ	25.0304, 27.2081, 78.7954
YIQ	113.6830, -114.8050, -6.3970

# Conversions

## Conversions Part 2

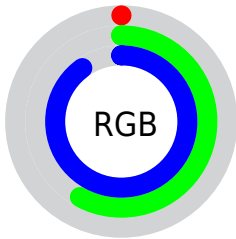
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 230
Decimal	38374
CIELab	59.17, -3.50, -49.96
CIELCh	59, 50.086, 265.988
Yxy	27.2081, 0.1910, 0.2076
Android (android.graphics.Color)	4278228454 (0xFF0095E6)
YUV	113.6830, 57.3443, -99.7000
Hunter-Lab	52.1613, -5.6266, -53.0510

# Details

The Hex color **0095E6** 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 **E65100**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6ACBFF**, and **0063AE** is the 20% darker color. If you saturate the color by 10%, you get **0095E6**, and if you desaturate by 10%, it is **179DE6**.

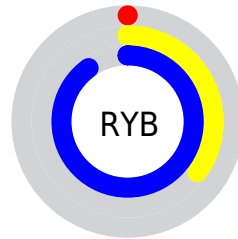
# Distribution



Red (0%)

Green (58%)

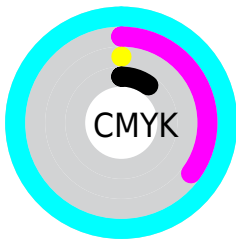
Blue (90%)



Red (0%)

Yellow (35%)

Blue (90%)

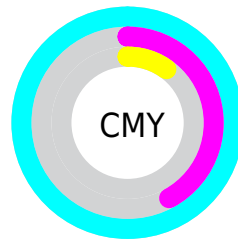


Cyan (100%)

Magenta (35%)

Yellow (0%)

Black (10%)



Cyan (100%)

Magenta (42%)

Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0095E6 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 0095E6 by changing the saturation by 10% instead.



 0095E6

 0095E6

FFFFFF

 007BCA

 6ACBFF

 0063AE

 8BE7FF

 004B93

 ABFFFF

 003579

 CAFFFF

 00215F

 E9FFFF

 000847

 000430

 00011A

 000000

 0095E6

 179DE6

 2EA5E6

 45ADE6

 5CB5E6

 73BEE6

 8AC6E6

 A1CEE6

 B8D6E6

 CFDEE6

# Harmonies

## Analogous

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



009FD7



0095E6



8785DE

# Triad

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



0095E6



DF6B6A



49A05B

# Complementary

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



0095E6



E65100

# 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.



81973B



0095E6



CD7946

# Square

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



0095E6



DB6896



AC8A32



00A487

# Rectangle

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



0095E6



AF79CC



AC8A32



5E9D4E

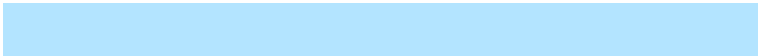


# Sweetspot

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



0095E6



B3E4FF



00E651



526F80



000000



808080

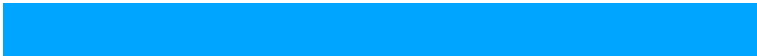


# Same Dimension

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



0095E6



00A5FF



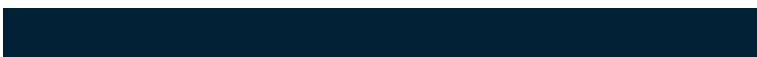
0022E6



676F73



0074B3



002133



# Inverse Universe

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



E60095



FF00A5



E6C300



73676F



B30074



330021



# Previews

## White Background



This preview shows how the Hex color 0095E6 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 0095E6 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 0095E6 Background



This preview shows how black text looks on a background with the Hex color 0095E6.



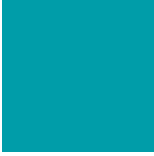
This preview shows how white text looks on a background with the Hex color 0095E6.

# 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**  
009DA9

# Trichromacy



**Original Color**  
0095E6



**Protanomaly**  
478FE0



**Deuteranomaly**  
3691E7



**Tritanomaly**  
009ABF

# Monochromacy



**Original Color**  
0095E6



**Achromatopsia**  
727272



**Achromatomaly**  
497F9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0095E6 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 #0095E6 looks like.

```
.text, #text, p{  
    color:#0095E6  
}
```

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 #0095E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095E6
}
```

## Border

The CSS property to change the border of an element to Hex 0095E6 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
#0095E6 }
```

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

```
.border{ border-color:#0095E6 }
```

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

Here you see how a box with a 4 pixel #0095E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095E6; -webkit-box-shadow:4px 4px  
4px 4px #0095E6; box-shadow:4px 4px 4px  
4px #0095E6 }
```

# Background

The CSS property to change the background color of an element to Hex 0095E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095E6 }
```

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

```
.background{ background-color:#0095E6 }
```

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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