

# Converting Colors

Hex(0094E6)

Have a look what the booklet for  
Hex(0094E6) contains.

<b>Hex(0094E6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0094E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0094E6
RGB	0, 148, 230
RGB Percent	0%, 58%, 90%
CMY	1.0000, 0.4196, 0.0980
CMYK	1.00, 0.36, 0.00, 0.10
HSL	201°, 100%, 45%
HSV	201°, 100%, 90%
XYZ	24.8728, 26.8930, 78.7428
YIQ	113.0960, -114.5300, -5.8740

# Conversions

## Conversions Part 2

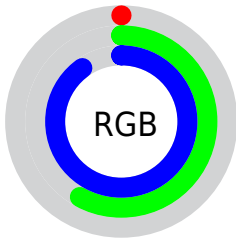
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 90, 230
Decimal	38118
CIELab	58.88, -2.92, -50.43
CIELCh	59, 50.510, 266.683
Yxy	26.8930, 0.1906, 0.2061
Android (android.graphics.Color)	4278228198 (0xFF0094E6)
YUV	113.0960, 57.6337, -99.1852
Hunter-Lab	51.8584, -5.1384, -53.7261

# Details

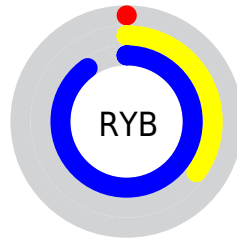
The Hex color **0094E6** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E65200**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6ACAFF**, and **0062AE** is the 20% darker color. If you saturate the color by 10%, you get **0094E6**, and if you desaturate by 10%, it is **179CE6**.

# Distribution



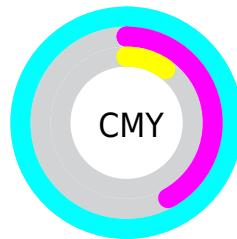
- Red (0%)
- Green (58%)
- Blue (90%)



- Red (0%)
- Yellow (35%)
- Blue (90%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (42%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0094E6 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 0094E6 by changing the saturation by 10% instead.



 0094E6

 0094E6

FFFFFF

 007ACA

 6ACAFF

 0062AE

 8BE6FF

 004B93

 AAFFFF

 003579

 CAFFFF

 00205F

 E9FFFF

 000847

 000430

 00011A

 000000

■ 0094E6

■ 179CE6

■ 2EA4E6

■ 45ADE6

■ 5CB5E6

■ 73BDE6

■ 8AC5E6

■ A1CDE6

■ B8D6E6

■ CFDEE6

# Harmonies

## Analogous

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



009ED7



0094E6



8784DD

# Triad

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



0094E6



DE6A68



459F5B

# Complementary

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



0094E6



E65200

# 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.



7F973A



0094E6



CC7944

# Square

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



0094E6



DB6794



AA8A30



00A387

# Rectangle

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



0094E6



B078CB



AA8A30



5B9D4E

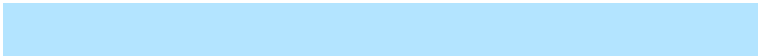


# Sweetspot

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



0094E6



B3E4FF



00E651



526F80



000000



808080

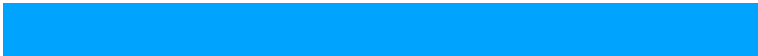


# Same Dimension

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



0094E6



00A4FF



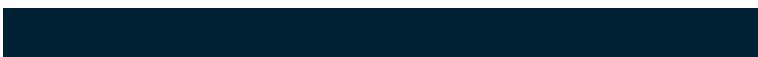
0022E6



676F73



0073B3



002133



# Inverse Universe

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



E60094



FF00A4



E6C300



73676F



B30073



330021



# Previews

## White Background



This preview shows how the Hex color 0094E6 looks on a white background.

## Color Contrast Check

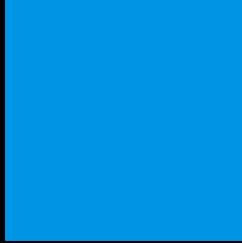
Large Text (above 18pt) WCAG AA ✓ Pass

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 0094E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

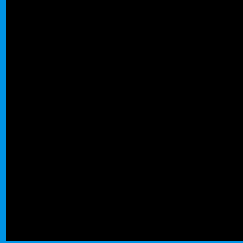
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

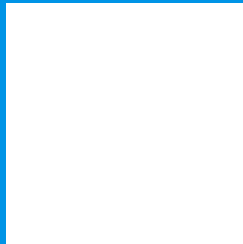
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0094E6 Background



This preview shows how black text looks on a background with the Hex color 0094E6.

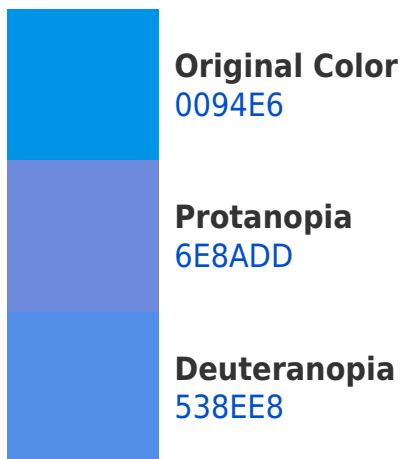


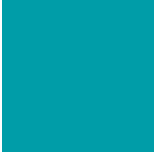
This preview shows how white text looks on a background with the Hex color 0094E6.

# 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](#).

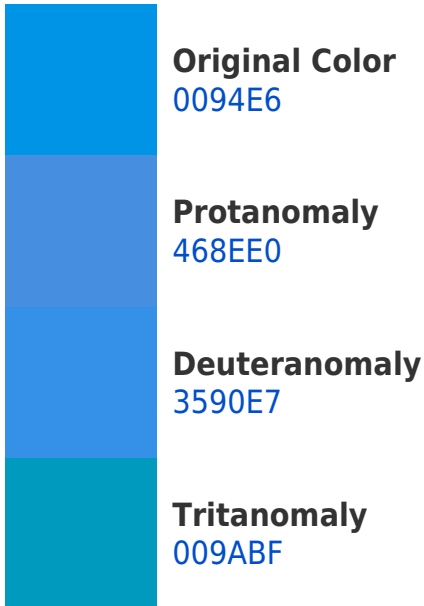
## Dichromacy





**Tritanopia**  
009DA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0094E6 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 #0094E6 looks like.

```
.text, #text, p{  
    color:#0094E6  
}
```

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 #0094E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094E6
}
```

## Border

The CSS property to change the border of an element to Hex 0094E6 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
#0094E6 }
```

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

```
.border{ border-color:#0094E6 }
```

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

Here you see how a box with a 4 pixel #0094E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094E6; -webkit-box-shadow:4px 4px  
4px 4px #0094E6; box-shadow:4px 4px 4px  
4px #0094E6 }
```

# Background

The CSS property to change the background color of an element to Hex 0094E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094E6 }
```

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

```
.background{ background-color:#0094E6 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor