

# Converting Colors

Hex(0092E0)

Have a look what the booklet for  
Hex(0092E0) contains.

<b>Hex(0092E0)</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> .....	28

# Color

Hex(0092E0)

# Conversions

## Conversions Part 1

Format	Color
Hex	0092E0
RGB	0, 146, 224
RGB Percent	0%, 57%, 88%
CMY	1.0000, 0.4275, 0.1216
CMYK	1.00, 0.35, 0.00, 0.12
HSL	201°, 100%, 44%
HSV	201°, 100%, 88%
XYZ	23.7334, 25.9396, 74.2770
YIQ	111.2380, -112.0540, -6.6940

# Conversions

## Conversions Part 2

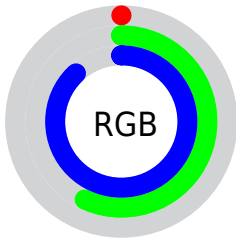
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 88, 224
Decimal	37600
CIE Lab	57.98, -4.02, -48.51
CIE LCh	58, 48.676, 265.259
Yxy	25.9396, 0.1915, 0.2093
Android (android.graphics.Color)	4278227680 (0xFF0092E0)
YUV	111.2380, 55.5917, -97.5557
Hunter-Lab	50.9309, -5.9494, -50.8161

# Details

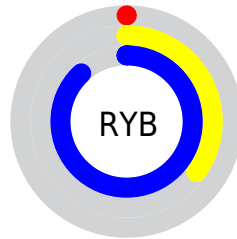
The Hex color **0092E0** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E04E00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **68C8FF**, and **0060A8** is the 20% darker color. If you saturate the color by 10%, you get **0092E0**, and if you desaturate by 10%, it is **169AE0**.

# Distribution



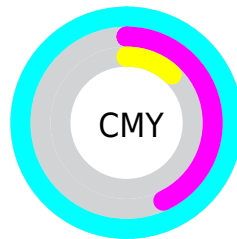
- Red (0%)
- Green (57%)
- Blue (88%)



- Red (0%)
- Yellow (35%)
- Blue (88%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (43%)
- Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0092E0 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 0092E0 by changing the saturation by 10% instead.



 0092E0

 0092E0

FFFFFF

 0078C4

 68C8FF

 0060A8

 89E4FF

 00498D

 A9FFFF

 003373

 C8FFFF

 001F5A

 E7FFFF

 000742

 00032B

 000116

 000000

■ 0092E0

■ 169AE0

■ 2DA2E0

■ 43A9E0

■ 5AB1E0

■ 70B9E0

■ 86C1E0

■ 9DC9E0

■ B3D0E0

■ CAD8E0

# Harmonies

## Analogous

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



009CD1



0092E0



8283D8

# Triad

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



0092E0



D96969



4A9C59

# Complementary

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



0092E0



E04E00

# 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.



80943A



0092E0



C97746

# Square

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



0092E0



D56694



A98732



00A083

# Rectangle

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



0092E0



AA77C8



A98732



5E9A4D

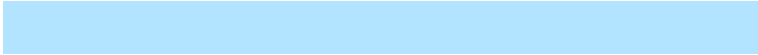


# Sweetspot

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



0092E0



B3E4FF



00E04B



527080



000000



808080

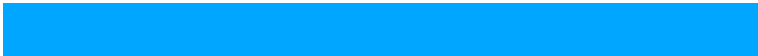


# Same Dimension

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



0092E0



00A6FF



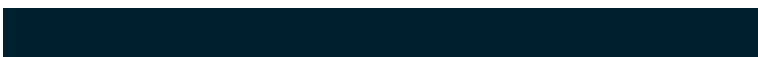
0025E0



656C70



0073B0



002030



# Inverse Universe

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



E00092



FF00A6



E0BB00



70656C



B00073



300020



# Previews

## White Background



This preview shows how the Hex color 0092E0 looks on a white background.

## Color Contrast Check

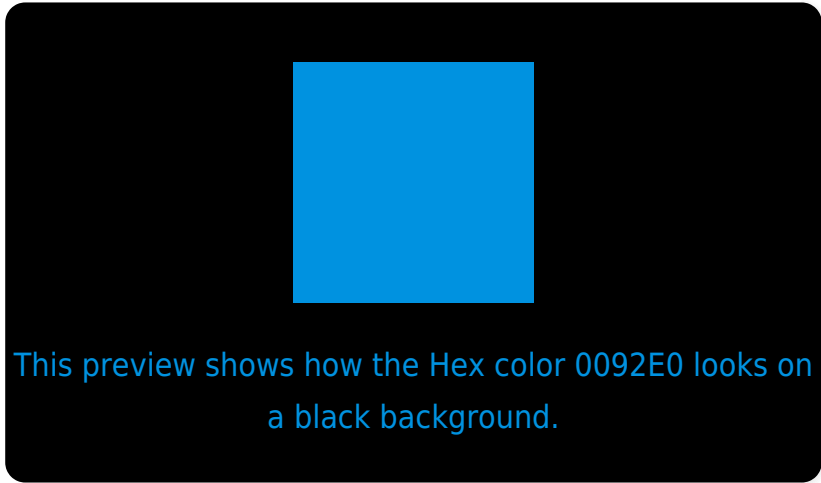
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

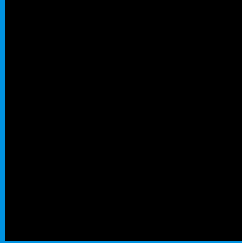
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0092E0 Background



This preview shows how black text looks on a background with the Hex color 0092E0.



This preview shows how white text looks on a background with the Hex color 0092E0.

# 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**  
0092E0

**Protanomaly**  
468CDA

**Deuteranomaly**  
368EE1

# Monochromacy



**Original Color**  
0092E0

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
477C98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0092E0 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 #0092E0 looks like.

```
.text, #text, p{  
    color:#0092E0  
}
```

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 #0092E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0092E0
}
```

## Border

The CSS property to change the border of an element to Hex 0092E0 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
#0092E0 }
```

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

```
.border{ border-color:#0092E0 }
```

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

Here you see how a box with a 4 pixel #0092E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0092E0; -webkit-box-shadow:4px 4px  
4px 4px #0092E0; box-shadow:4px 4px 4px  
4px #0092E0 }
```

# Background

The CSS property to change the background color of an element to Hex 0092E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0092E0 }
```

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

```
.background{ background-color:#0092E0 }
```

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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