

# Converting Colors

Hex(0098E2)

Have a look what the booklet for  
Hex(0098E2) contains.

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**Color**

**Hex(0098E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0098E2
RGB	0, 152, 226
RGB Percent	0%, 60%, 89%
CMY	1.0000, 0.4039, 0.1137
CMYK	1.00, 0.33, 0.00, 0.11
HSL	200°, 100%, 44%
HSV	200°, 100%, 89%
XYZ	24.9557, 27.9475, 76.0306
YIQ	114.9880, -114.3460, -9.2100

# Conversions

## Conversions Part 2

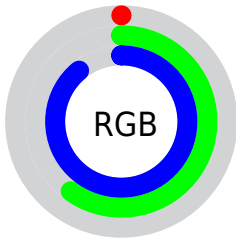
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 91, 226
Decimal	39138
CIELab	59.84, -6.73, -46.67
CIELCh	60, 47.157, 261.793
Yxy	27.9475, 0.1936, 0.2168
Android (android.graphics.Color)	4278229218 (0xFF0098E2)
YUV	114.9880, 54.7289, -100.8445
Hunter-Lab	52.8654, -8.2514, -48.2647

# Details

The Hex color **0098E2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E24A00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69CEFF**, and **0065AA** is the 20% darker color. If you saturate the color by 10%, you get **0098E2**, and if you desaturate by 10%, it is **179FE2**.

# Distribution



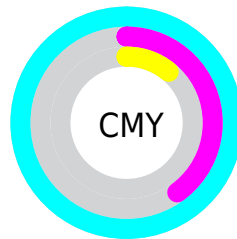
- Red (0%)
- Green (60%)
- Blue (89%)



- Red (0%)
- Yellow (36%)
- Blue (89%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (40%)
- Yellow (11%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0098E2 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 0098E2 by changing the saturation by 10% instead.



 0098E2

 0098E2

FFFFFF

 007EC6

 69CEFF

 0065AA

 8AEAFF

 004E8F

 A9FFFF

 003775

 C9FFFF

 00235C

 E8FFFF

 000844

 00032D

 000117

 000000

■ 0098E2

■ 179FE2

■ 2DA7E2

■ 44AEE2

■ 5AB6E2

■ 71BDE2

■ 88C4E2

■ 9ECCE2

■ B5D3E2

■ CBDBE2

# Harmonies

## Analogous

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



00A1D0



0098E2



808ADD

# Triad

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



0098E2



DE6E74



59A05B

# Complementary

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



0098E2



E24A00

# 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.



8A973F



0098E2



CF7A50

# Square

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



0098E2



D76E9D



B28A3B



00A483

# Rectangle

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



0098E2



A87FCE



B28A3B



6B9D50

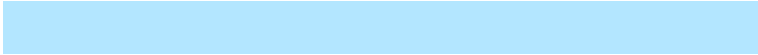


# Sweetspot

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



0098E2



B3E6FF



00E248



527080



000000



808080

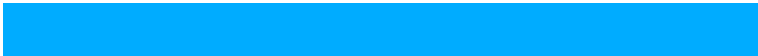


# Same Dimension

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



0098E2



00ACFF



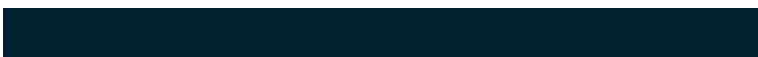
0029E2



656D70



0076B0



002130



# Inverse Universe

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



E20098



FF00AC



E2B900



70656D



B00076



300021



# Previews

## White Background



This preview shows how the Hex color 0098E2 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 0098E2 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 0098E2 Background



This preview shows how black text looks on a background with the Hex color 0098E2.



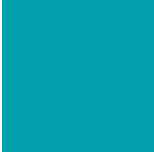
This preview shows how white text looks on a background with the Hex color 0098E2.

# 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**  
0098E2

**Protanomaly**  
4A91DC

**Deuteranomaly**  
3D93E3

**Tritanomaly**  
009CBF

# Monochromacy



**Original Color**  
0098E2

**Achromatopsia**  
737373

**Achromatomaly**  
49809B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0098E2 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 #0098E2 looks like.

```
.text, #text, p{  
    color:#0098E2  
}
```

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 #0098E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0098E2
}
```

## Border

The CSS property to change the border of an element to Hex 0098E2 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
#0098E2 }
```

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

```
.border{ border-color:#0098E2 }
```

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

Here you see how a box with a 4 pixel #0098E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0098E2; -webkit-box-shadow:4px 4px  
4px 4px #0098E2; box-shadow:4px 4px 4px  
4px #0098E2 }
```

# Background

The CSS property to change the background color of an element to Hex 0098E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0098E2 }
```

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

```
.background{ background-color:#0098E2 }
```

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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