

Converting Colors

Hex(0098E3)

Have a look what the booklet for
Hex(0098E3) contains.

Hex(0098E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0098E3)

Conversions

Conversions Part 1

Format	Color
Hex	0098E3
RGB	0, 152, 227
RGB Percent	0%, 60%, 89%
CMY	1.0000, 0.4039, 0.1098
CMYK	1.00, 0.33, 0.00, 0.11
HSL	200°, 100%, 45%
HSV	200°, 100%, 89%
XYZ	25.0934, 28.0025, 76.7555
YIQ	115.1020, -114.6670, -8.8990

Conversions

Conversions Part 2

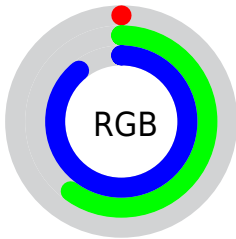
Format	Color
RYB	0, 91, 227
Decimal	39139
CIELab	59.89, -6.36, -47.15
CIELCh	60, 47.577, 262.319
Yxy	28.0025, 0.1932, 0.2157
Android (android.graphics.Color)	4278229219 (0xFF0098E3)
YUV	115.1020, 55.1657, -100.9445
Hunter-Lab	52.9174, -7.9610, -48.9566

Details

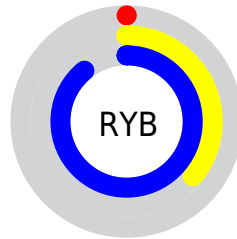
The Hex color **0098E3** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **E34B00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **69CEFF**, and **0065AB** is the 20% darker color. If you saturate the color by 10%, you get **0098E3**, and if you desaturate by 10%, it is **179FE3**.

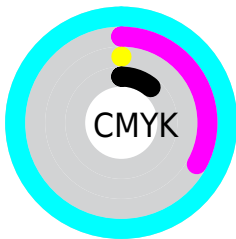
Distribution



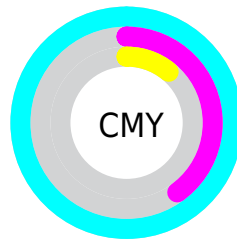
- Red (0%)
- Green (60%)
- Blue (89%)



- 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 0098E3 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 0098E3 by changing the saturation by 10% instead.

 0098E3

 0098E3

FFFFFF

 007EC7

 69CEFF

 0065AB

 8AEAFF

 004E90

 AAFFFF

 003776

 C9FFFF

 00235D

 E8FFFF

 000845

 00042E

 000118

 000000

■ 0098E3

■ 179FE3

■ 2DA7E3

■ 44AEE3

■ 5BB6E3

■ 72BDE3

■ 88C5E3

■ 9FCCE3

■ B6D4E3

■ CCDBE3

Harmonies

Analogous

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



00A1D2



0098E3



818ADE

Triad

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



0098E3



DE6E73



57A05B

Complementary

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



0098E3



E34B00

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



0098E3



D07B4F

Square

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



0098E3



D86D9D



B28A3A



00A584

Rectangle

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



0098E3



AA7ECF



B28A3A



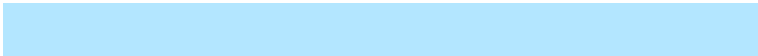
6A9E50

Sweetspot

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



0098E3



B3E6FF



00E348



527080



000000



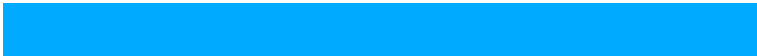
808080

Same Dimension

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



0098E3



00ABFF



002AE3



676F73



0078B3



002233

Inverse Universe

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



E30098



FF00AB



E3B900



73676F



B30078



330022

Previews

White Background



This preview shows how the Hex color 0098E3 looks on a white background.

Color Contrast Check

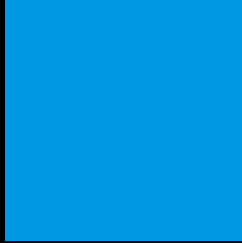
Large Text (above 18pt) WCAG AA ✓ Pass

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 0098E3 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 0098E3 Background



This preview shows how black text looks on a background with the Hex color 0098E3.

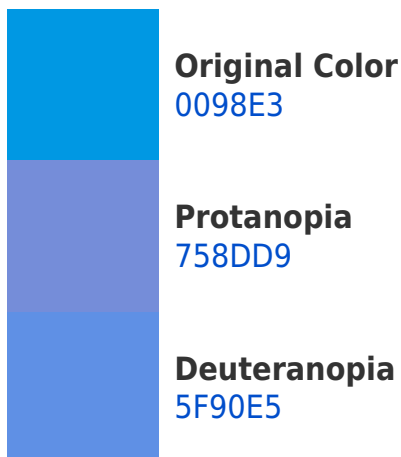


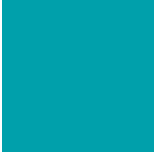
This preview shows how white text looks on a background with the Hex color 0098E3.

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](#).

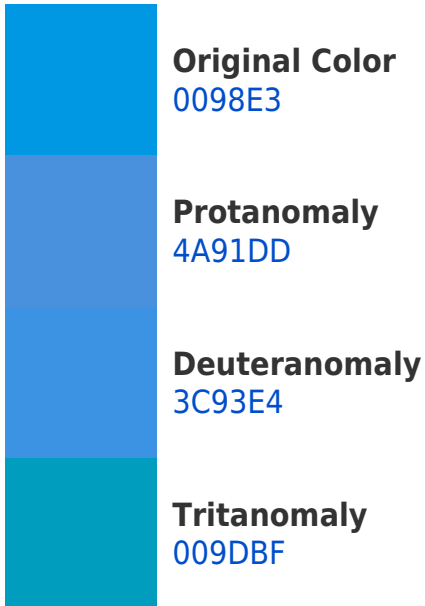
Dichromacy





Tritanopia
00A0AB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0098E3 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 #0098E3 looks like.

```
.text, #text, p{  
    color:#0098E3  
}
```

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 #0098E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0098E3
}
```

Border

The CSS property to change the border of an element to Hex 0098E3 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
#0098E3 }
```

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

```
.border{ border-color:#0098E3 }
```

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

Here you see how a box with a 4 pixel #0098E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0098E3; -webkit-box-shadow:4px 4px  
4px 4px #0098E3; box-shadow:4px 4px 4px  
4px #0098E3 }
```

Background

The CSS property to change the background color of an element to Hex 0098E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0098E3 }
```

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

```
.background{ background-color:#0098E3 }
```

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