

Converting Colors

Hex(0098EB)

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

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Color

Hex(0098EB)

Conversions

Conversions Part 1

Format	Color
Hex	0098EB
RGB	0, 152, 235
RGB Percent	0%, 60%, 92%
CMY	1.0000, 0.4039, 0.0784
CMYK	1.00, 0.35, 0.00, 0.08
HSL	201°, 100%, 46%
HSV	201°, 100%, 92%
XYZ	26.2236, 28.4546, 82.7074
YIQ	116.0140, -117.2350, -6.4110

Conversions

Conversions Part 2

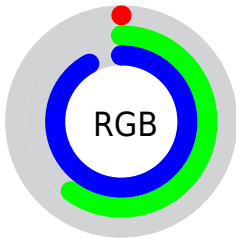
Format	Color
RYB	0, 92, 235
Decimal	39147
CIELab	60.30, -3.36, -50.94
CIElCh	60, 51.048, 266.221
Yxy	28.4546, 0.1909, 0.2071
Android (android.graphics.Color)	4278229227 (0xFF0098EB)
YUV	116.0140, 58.6601, -101.7443
Hunter-Lab	53.3429, -5.5985, -54.5883

Details

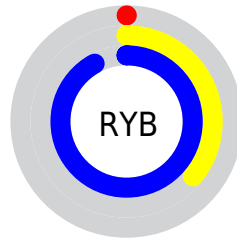
The Hex color **0098EB** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EB5300**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6BCEFF**, and **0066B3** is the 20% darker color. If you saturate the color by 10%, you get **0098EB**, and if you desaturate by 10%, it is **17A0EB**.

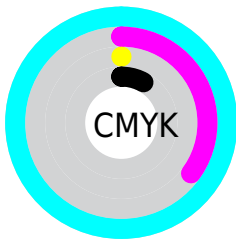
Distribution



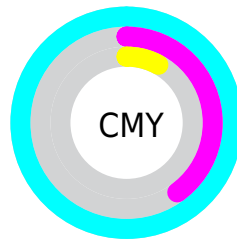
- Red (0%)
- Green (60%)
- Blue (92%)



- Red (0%)
- Yellow (36%)
- Blue (92%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (8%)




- Cyan (100%)
- Magenta (40%)
- Yellow (8%)

Brightness & Saturation Gradients

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

 0098EB

 0098EB

FFFFFF

 007ECE

 6BCEFF

 0066B3

 8CEAFF

 004E98

 ACFFFF

 00387D

 CCFFFF

 002364

 EBFFFF

 000B4B

 000434

 00021E

 000000

 0098EB

 17A0EB

 2FA9EB

 47B1EB

 5EB9EB

 76C2EB

 8DCAEB

 A4D2EB

 BCDAEB

 D3E3EB

Harmonies

Analogous

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



00A2DB



0098EB



8A88E2

Triad

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



0098EB



E36D6C



49A35D

Complementary

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



0098EB



EB5300

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.



839B3C



0098EB



D17C47

Square

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



0098EB



E06A99



AF8D33



00A78A

Rectangle

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



0098EB



B37BD0



AF8D33



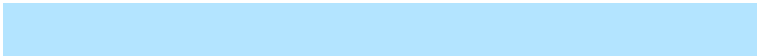
5FA150

Sweetspot

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



0098EB



B3E4FF



00EB52



526F80



000000



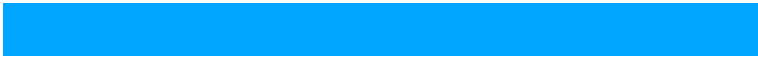
808080

Same Dimension

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



0098EB



00A5FF



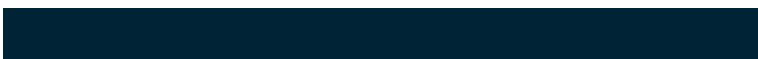
0023EB



6A7175



0075B5



002336

Inverse Universe

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



EB0098



FF00A5



EBC800



756A71



B50075



360023

Previews

White Background



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

Color Contrast Check

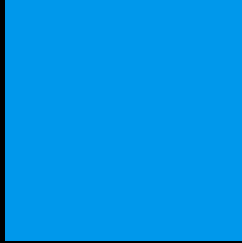
Large Text (above 18pt) WCAG AA ✓ Pass

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 0098EB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

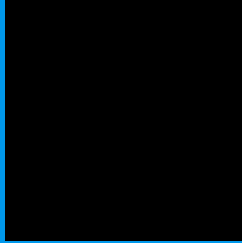
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

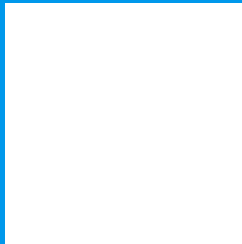
Any Text WCAG AAA × Fail

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

Hex 0098EB Background



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



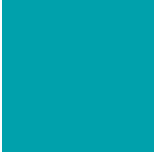
This preview shows how white text looks on a background with the Hex color 0098EB.

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](#).

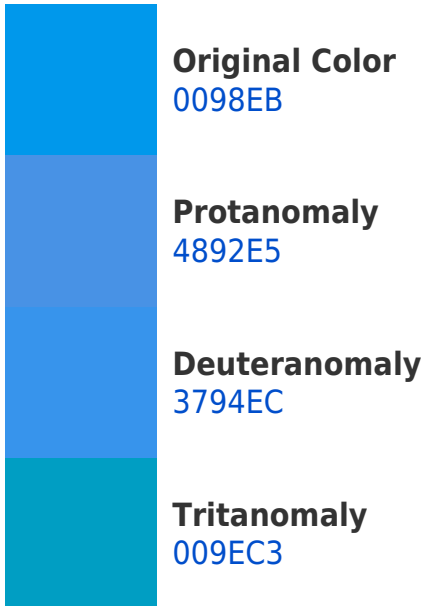
Dichromacy



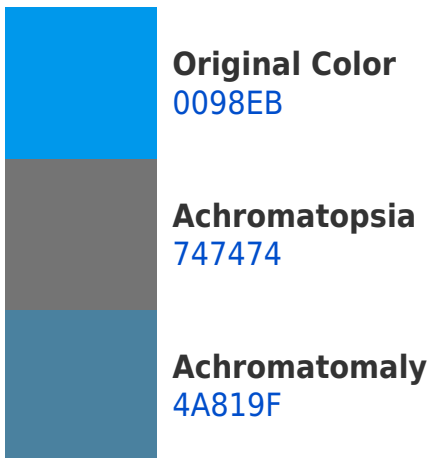


Tritanopia
00A1AC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #0098EB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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