

Converting Colors

Hex(0098EC)

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

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Color

Hex(0098EC)

Conversions

Conversions Part 1

Format	Color
Hex	0098EC
RGB	0, 152, 236
RGB Percent	0%, 60%, 93%
CMY	1.0000, 0.4039, 0.0745
CMYK	1.00, 0.36, 0.00, 0.07
HSL	201°, 100%, 46%
HSV	201°, 100%, 93%
XYZ	26.3686, 28.5126, 83.4706
YIQ	116.1280, -117.5560, -6.1000

Conversions

Conversions Part 2

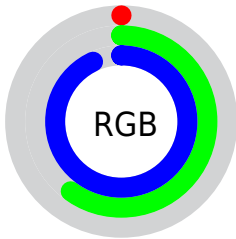
Format	Color
RYB	0, 92, 236
Decimal	39148
CIELab	60.35, -2.99, -51.41
CIElCh	60, 51.494, 266.672
Yxy	28.5126, 0.1906, 0.2061
Android (android.graphics.Color)	4278229228 (0xFF0098EC)
YUV	116.1280, 59.0969, -101.8443
Hunter-Lab	53.3972, -5.2984, -55.3042

Details

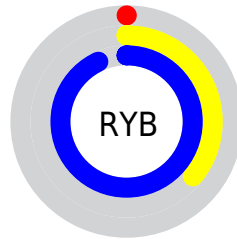
The Hex color **0098EC** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EC5400**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6BCEFF**, and **0066B4** is the 20% darker color. If you saturate the color by 10%, you get **0098EC**, and if you desaturate by 10%, it is **18A0EC**.

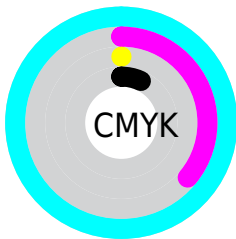
Distribution



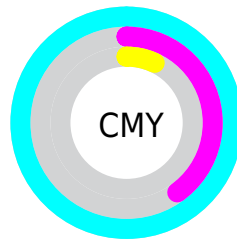
- Red (0%)
- Green (60%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 0098EC

 0098EC

FFFFFF

 007ECF

 6BCEFF

 0066B4

 8DEAFF

 004E98

 ADFFFF

 00387E

 CCFFFF

 002365

 EBFFFF

 000C4C

 000534

 00021E

 000001

■ 0098EC

■ 18A0EC

■ 2FA9EC

■ 47B1EC

■ 5EBAEC

■ 76C2EC

■ 8ECAEC

■ A5D3EC

■ BDDBEC

■ D4E4EC

Harmonies

Analogous

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



00A3DD



0098EC



8B88E3

Triad

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



0098EC



E46D6B



47A35D

Complementary

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



0098EC



EC5400

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.



829B3B



0098EC



D17C46

Square

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



0098EC



E16A98



AF8D32



00A88B

Rectangle

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



0098EC



B57BD0



AF8D32



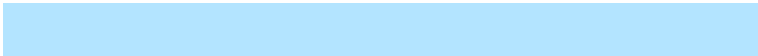
5EA150

Sweetspot

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



0098EC



B3E4FF



00EC53



526F80



000000



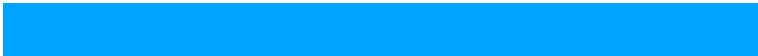
808080

Same Dimension

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



0098EC



00A4FF



0023EC



6A7175



0075B5



002236

Inverse Universe

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



EC0098



FF00A4



ECC900



756A71



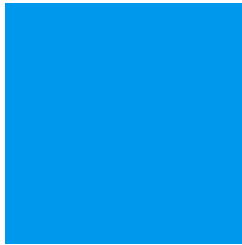
B50075



360022

Previews

White Background



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

Color Contrast Check

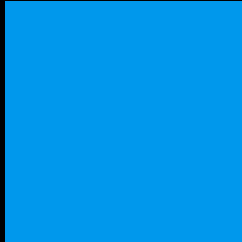
Large Text (above 18pt) WCAG AA ✓ Pass

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 0098EC 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

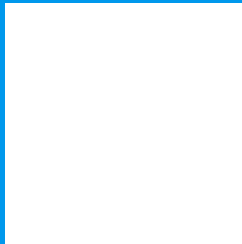
Any Text WCAG AAA × Fail

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

Hex 0098EC Background



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



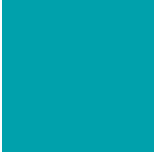
This preview shows how white text looks on a background with the Hex color 0098EC.

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

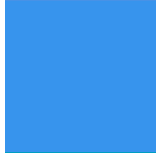
Trichromacy



Original Color
0098EC



Protanomaly
4892E6



Deuteranomaly
3794ED



Tritanomaly
009EC3

Monochromacy



Original Color
0098EC



Achromatopsia
747474



Achromatomaly
4A81A0

CSS Examples

Text

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

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

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 #0098EC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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