

Converting Colors

Hex(0095E3)

Have a look what the booklet for
Hex(0095E3) contains.

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Color

Hex(0095E3)

Conversions

Conversions Part 1

Format	Color
Hex	0095E3
RGB	0, 149, 227
RGB Percent	0%, 58%, 89%
CMY	1.0000, 0.4157, 0.1098
CMYK	1.00, 0.34, 0.00, 0.11
HSL	201°, 100%, 45%
HSV	201°, 100%, 89%
XYZ	24.6126, 27.0409, 76.5952
YIQ	113.3410, -113.8420, -7.3300

Conversions

Conversions Part 2

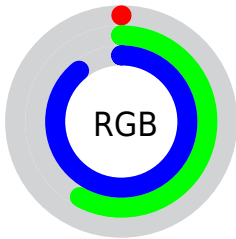
Format	Color
R_{YB}	0, 90, 227
Decimal	38371
CIE _{Lab}	59.01, -4.63, -48.54
CIE _{LCh}	59, 48.762, 264.548
Yxy	27.0409, 0.1919, 0.2108
Android (android.graphics.Color)	4278228451 (0xFF0095E3)
YUV	113.3410, 56.0339, -99.4001
Hunter-Lab	52.0009, -6.5157, -50.9312

Details

The Hex color **0095E3** 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 **E34E00**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69CBFF**, and **0063AB** is the 20% darker color. If you saturate the color by 10%, you get **0095E3**, and if you desaturate by 10%, it is **179DE3**.

Distribution



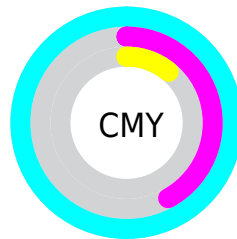
- Red (0%)
- Green (58%)
- Blue (89%)



- Red (0%)
- Yellow (35%)
- Blue (89%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (11%)




- Cyan (100%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0095E3 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 0095E3 by changing the saturation by 10% instead.

 0095E3

 0095E3

FFFFFF

 007BC7


 69CBFF

 0063AB

 8AE7FF

 004B90

 AAFFFF

 003576

 C9FFFF

 00215D

 E8FFFF

 000845

 00032E

 000118

 000000

■ 0095E3

■ 179DE3

■ 2DA5E3

■ 44ACE3

■ 5BB4E3

■ 72BCE3

■ 88C4E3

■ 9FCCE3

■ B6D3E3

■ CCDBE3

Harmonies

Analogous

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



009FD3



0095E3



8386DC

Triad

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



0095E3



DD6B6D



4E9F5A

Complementary

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



0095E3



E34E00

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.



83963C



0095E3



CC7949

Square

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



0095E3



D86998



AD8935



00A384

Rectangle

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



0095E3



AC7ACB



AD8935



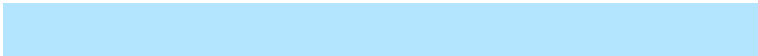
629C4E

Sweetspot

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



0095E3



B3E5FF



00E34C



527080



000000



808080

Same Dimension

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



0095E3



00A7FF



0026E3



676F73



0075B3



002133

Inverse Universe

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



E30095



FF00A7



E3BD00



73676F



B30075



330021

Previews

White Background



This preview shows how the Hex color 0095E3 looks on a white background.

Color Contrast Check

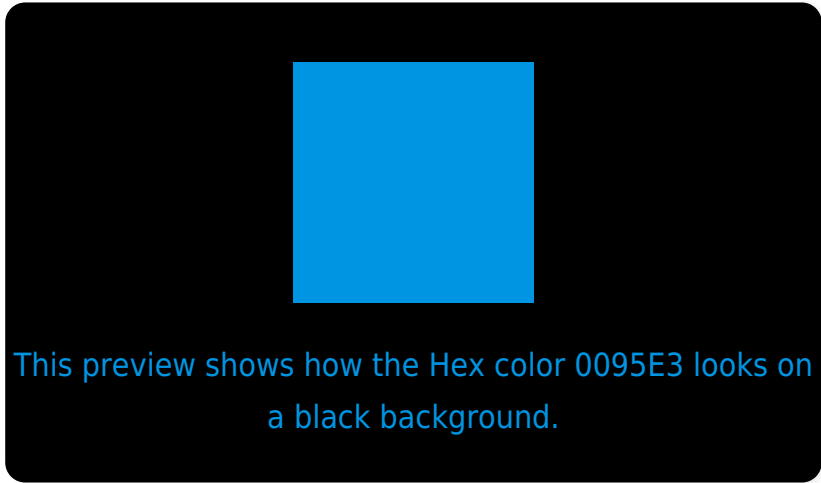
Large Text (above 18pt) WCAG AA ✓ Pass

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

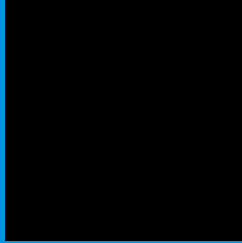
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

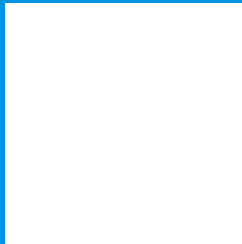
Any Text WCAG AAA × Fail

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

Hex 0095E3 Background



This preview shows how black text looks on a background with the Hex color 0095E3.

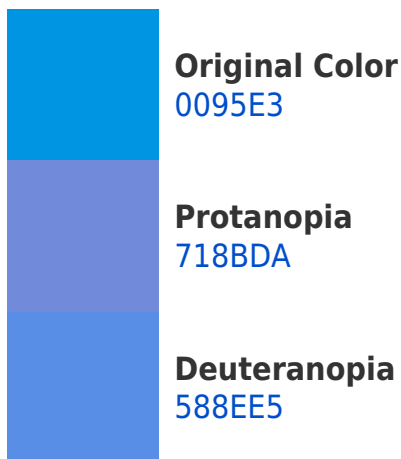


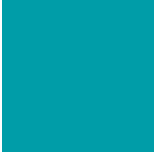
This preview shows how white text looks on a background with the Hex color 0095E3.

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](#).

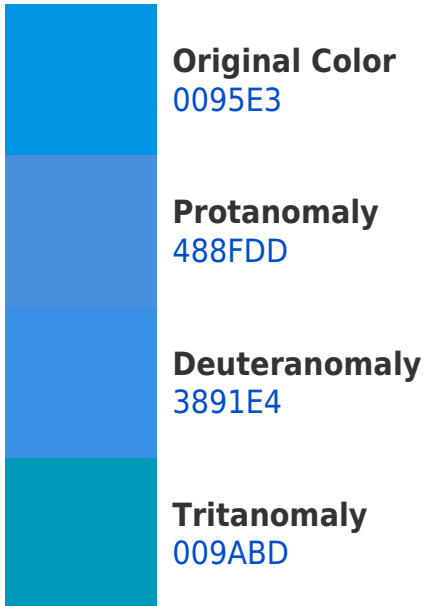
Dichromacy





Tritanopia
009DA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0095E3 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 #0095E3 looks like.

```
.text, #text, p{  
    color:#0095E3  
}
```

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 #0095E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0095E3
}
```

Border

The CSS property to change the border of an element to Hex 0095E3 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
#0095E3 }
```

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

```
.border{ border-color:#0095E3 }
```

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

Here you see how a box with a 4 pixel #0095E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0095E3; -webkit-box-shadow:4px 4px  
4px 4px #0095E3; box-shadow:4px 4px 4px  
4px #0095E3 }
```

Background

The CSS property to change the background color of an element to Hex 0095E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0095E3 }
```

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

```
.background{ background-color:#0095E3 }
```

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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