

Converting Colors

Hex(0EA5C6)

Have a look what the booklet for
Hex(0EA5C6) contains.

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Color

Hex(0EA5C6)

Conversions

Conversions Part 1

Format	Color
Hex	0EA5C6
RGB	14, 165, 198
RGB Percent	5%, 65%, 78%
CMY	0.9451, 0.3529, 0.2235
CMYK	0.93, 0.17, 0.00, 0.22
HSL	191°, 87%, 42%
HSV	191°, 93%, 78%
XYZ	23.8293, 31.0808, 58.1693
YIQ	123.6130, -100.5890, -21.7490

Conversions

Conversions Part 2

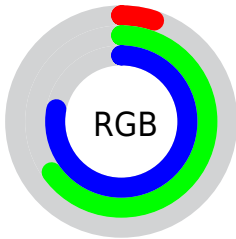
Format	Color
RYB	14, 97, 198
Decimal	959942
CIELab	62.58, -23.41, -26.81
CIELCh	63, 35.591, 228.870
Yxy	31.0808, 0.2107, 0.2749
Android (android.graphics.Color)	4279150022 (0xFF0EA5C6)
YUV	123.6130, 36.6728, -96.1306
Hunter-Lab	55.7502, -21.2667, -22.8376

Details

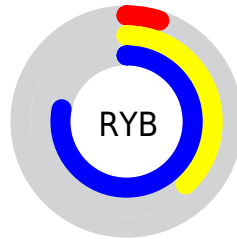
The Hex color **0EA5C6** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **C62F0E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67DCFF**, and **007190** is the 20% darker color. If you saturate the color by 10%, you get **00A2C6**, and if you desaturate by 10%, it is **22A9C6**.

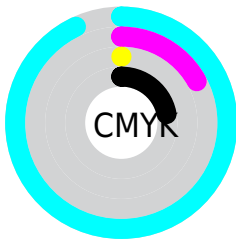
Distribution



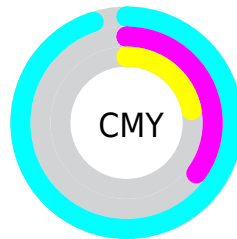
- Red (5%)
- Green (65%)
- Blue (78%)



- Red (5%)
- Yellow (38%)
- Blue (78%)



- Cyan (93%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA5C6 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 0EA5C6 by changing the saturation by 10% instead.

 0EA5C6

 0EA5C6

FFFFFF

 008BAB

 67DCFF

 007190

 86F9FF

 005876

 A5FFFF

 00415D

 C4FFFF

 002A46

 E2FFFF

 00132F

 00011A

 000000

 0EA5C6

 0EA5C6

■ 00A2C6

■ 22A9C6

■ 36ACC6

■ 49B0C6

■ 5DB3C6

■ 71B7C6

■ 85BAC6

■ 99BEC6

■ ACC1C6

■ C0C5C6

Harmonies

Analogous

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



12A8AB



0EA5C6



539ED5

Triad

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



0EA5C6



CD80A4



989C5A

Complementary

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



0EA5C6



C62F0E

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.



B69159



0EA5C6



D57F84

Square

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



0EA5C6



B388C1



CC8769



74A36D

Rectangle

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



0EA5C6



7997D5



CC8769



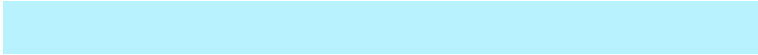
A39858

Sweetspot

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



0EA5C6



B8F2FF



0EC62D



547880



000000



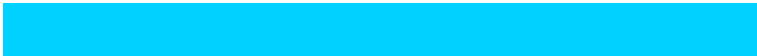
808080

Same Dimension

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



0EA5C6



00D1FF



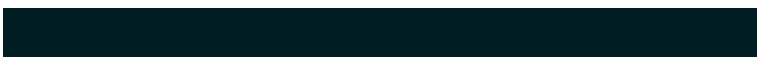
0E4BC6



5A6263



0086A3



001D24

Inverse Universe

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



C60EA5



FF00D1



C6890E



635A62



A30086



24001D

Previews

White Background



This preview shows how the Hex color 0EA5C6 looks on a white background.

Color Contrast Check

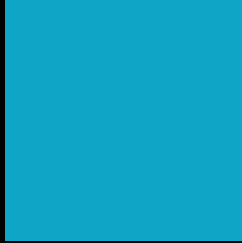
Large Text (above 18pt) WCAG AA × Fail

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 0EA5C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

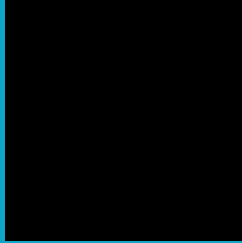
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 0EA5C6 Background



This preview shows how black text looks on a background with the Hex color 0EA5C6.

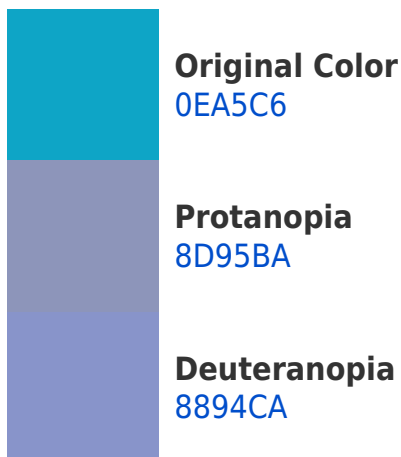


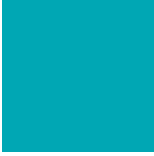
This preview shows how white text looks on a background with the Hex color 0EA5C6.

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
00A7B4

Trichromacy



Original Color
0EA5C6



Protanomaly
5F9BBE



Deuteranomaly
5C9AC9



Tritanomaly
05A6BB

Monochromacy



Original Color
0EA5C6



Achromatopsia
7C7C7C



Achromatomaly
548B97

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA5C6 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 #0EA5C6 looks like.

```
.text, #text, p{  
    color:#0EA5C6  
}
```

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 #0EA5C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA5C6
}
```

Border

The CSS property to change the border of an element to Hex 0EA5C6 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
#0EA5C6 }
```

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

```
.border{ border-color:#0EA5C6 }
```

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

Here you see how a box with a 4 pixel #0EA5C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA5C6; -webkit-box-shadow:4px 4px  
4px 4px #0EA5C6; box-shadow:4px 4px 4px  
4px #0EA5C6 }
```

Background

The CSS property to change the background color of an element to Hex 0EA5C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA5C6 }
```

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

```
.background{ background-color:#0EA5C6 }
```

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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