

Converting Colors

Hex(0EC5CE)

Have a look what the booklet for
Hex(0EC5CE) contains.

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Color

Hex(0EC5CE)

Conversions

Conversions Part 1

Format	Color
Hex	0EC5CE
RGB	14, 197, 206
RGB Percent	5%, 77%, 81%
CMY	0.9451, 0.2275, 0.1922
CMYK	0.93, 0.04, 0.00, 0.19
HSL	183°, 87%, 43%
HSV	183°, 93%, 81%
XYZ	31.2879, 44.4821, 65.3294
YIQ	143.3090, -111.9570, -35.9970

Conversions

Conversions Part 2

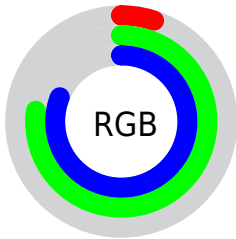
Format	Color
RYB	14, 108, 206
Decimal	968142
CIELab	72.55, -36.44, -16.01
CIELCh	73, 39.807, 203.723
Yxy	44.4821, 0.2217, 0.3153
Android (android.graphics.Color)	4279158222 (0xFF0EC5CE)
YUV	143.3090, 30.9067, -113.4040
Hunter-Lab	66.6949, -32.9781, -11.3897

Details

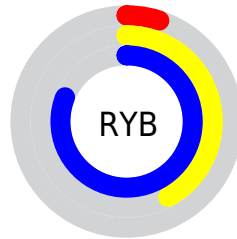
The Hex color **0EC5CE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **CE170E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6CFEFF**, and **008F98** is the 20% darker color. If you saturate the color by 10%, you get **00C4CE**, and if you desaturate by 10%, it is **23C6CE**.

Distribution



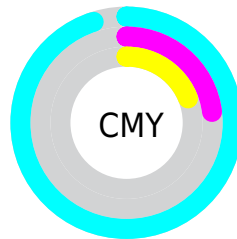
- Red (5%)
- Green (77%)
- Blue (81%)



- Red (5%)
- Yellow (42%)
- Blue (81%)



- Cyan (93%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EC5CE 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 0EC5CE by changing the saturation by 10% instead.

 0EC5CE

 0EC5CE

FFFFFF

 00A9B3

 6CFE9F

 008F98

 8DFFFF

 00747E

 ACFFFF

 005B65

 CCFFFF

 00434D

 EBFFFF

 002C36

 001221

 000008

 000000

 0EC5CE

 0EC5CE

 00C4CE

 23C6CE

 37C7CE

 4CC8CE

 60C9CE

 75CACE

 8ACBCE

 9ECCCE

 B3CDCE

 C7CECE

Harmonies

Analogous

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



51C5A9



0EC5CE



27C1EC

Triad

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



0EC5CE



D99EDD



D1AD69

Complementary

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



0EC5CE



CE170E

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.



ECA179



0EC5CE



F396BB

Square

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



0EC5CE



ABABF5



F99797



ACB96E

Rectangle

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



0EC5CE



58BBF7



F99797



DBA96C

Sweetspot

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



0EC5CE



B8FCFF



0ECE14



547D80



000000



808080

Same Dimension

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



0EC5CE



00F3FF



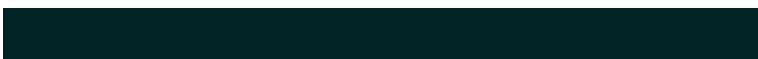
0E68CE



5C6666



009EA6



002426

Inverse Universe

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



CE0EC5



FF00F3



CE740E



665C66



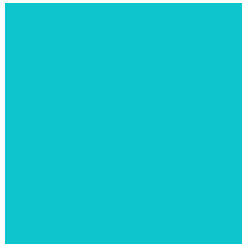
A6009E



260024

Previews

White Background



This preview shows how the Hex color 0EC5CE looks on a white background.

Color Contrast Check

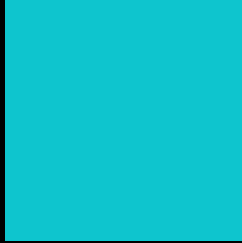
Large Text (above 18pt) WCAG AA × Fail

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 0EC5CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

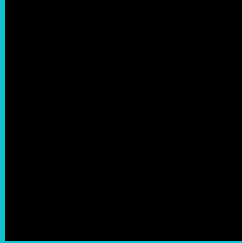
Any Text WCAG AA ✓ Pass

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 0EC5CE Background



This preview shows how black text looks on a background with the Hex color 0EC5CE.

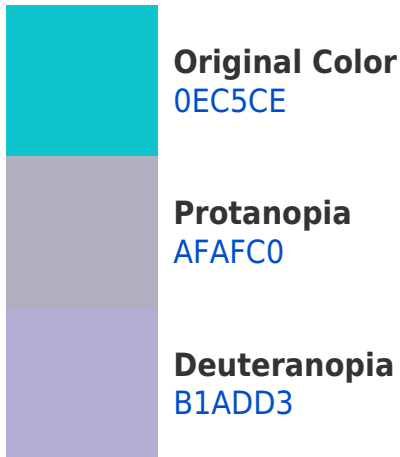


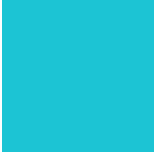
This preview shows how white text looks on a background with the Hex color 0EC5CE.

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
1CC4D4

Trichromacy



Original Color
0EC5CE



Protanomaly
74B7C5



Deuteranomaly
76B6D1



Tritanomaly
17C4D2

Monochromacy



Original Color
0EC5CE



Achromatopsia
8F8F8F



Achromatomaly
60A3A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EC5CE 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 #0EC5CE looks like.

```
.text, #text, p{  
    color:#0EC5CE  
}
```

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 #0EC5CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC5CE
}
```

Border

The CSS property to change the border of an element to Hex 0EC5CE 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
#0EC5CE }
```

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

```
.border{ border-color:#0EC5CE }
```

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

Here you see how a box with a 4 pixel #0EC5CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC5CE; -webkit-box-shadow:4px 4px  
4px 4px #0EC5CE; box-shadow:4px 4px 4px  
4px #0EC5CE }
```

Background

The CSS property to change the background color of an element to Hex 0EC5CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC5CE }
```

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

```
.background{ background-color:#0EC5CE }
```

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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