

Converting Colors

Hex(0EC4D9)

Have a look what the booklet for
Hex(0EC4D9) contains.

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Color

Hex(0EC4D9)

Conversions

Conversions Part 1

Format	Color
Hex	0EC4D9
RGB	14, 196, 217
RGB Percent	5%, 77%, 85%
CMY	0.9451, 0.2314, 0.1490
CMYK	0.94, 0.10, 0.00, 0.15
HSL	186°, 88%, 45%
HSV	186°, 94%, 85%
XYZ	32.4454, 44.5830, 72.5410
YIQ	143.9760, -115.2130, -32.0530

Conversions

Conversions Part 2

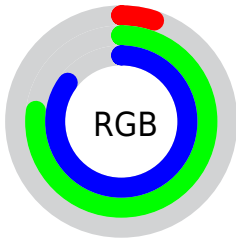
Format	Color
R _{YB}	14, 110, 217
Decimal	967897
CIE Lab	72.62, -32.53, -21.89
CIE LCh	73, 39.206, 213.942
Yxy	44.5830, 0.2169, 0.2981
Android (android.graphics.Color)	4279157977 (0xFF0EC4D9)
YUV	143.9760, 36.0008, -113.9890
Hunter-Lab	66.7705, -30.1108, -17.6747

Details

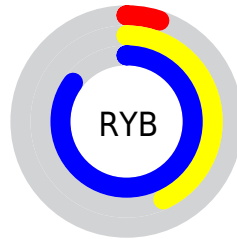
The Hex color **0EC4D9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D9230E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6EFDFF**, and **008EA2** is the 20% darker color. If you saturate the color by 10%, you get **00C3D9**, and if you desaturate by 10%, it is **24C6D9**.

Distribution



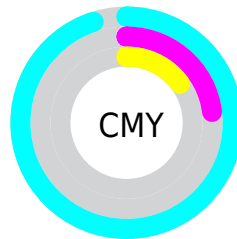
- Red (5%)
- Green (77%)
- Blue (85%)



- Red (5%)
- Yellow (43%)
- Blue (85%)



- Cyan (94%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (95%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EC4D9 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 0EC4D9 by changing the saturation by 10% instead.

 0EC4D9

 0EC4D9

FFFFFF

 00A9BD

 6EFDFF

 008EA2

 8FFFFFF

 007488

 AEFFFF

 005B6E

 CEFFFF

 004356

 EDFFFF

 002C3F

 001329

 000114

 000000

0EC4D9

0EC4D9

00C3D9

24C6D9

39C8D9

4FCBD9

65CDD9

7ACFD9

90D1D9

A6D4D9

BCD6D9

D1D8D9

Harmonies

Analogous

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



41C5B6



0EC4D9



45BEF2

Triad

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



0EC4D9



E39BD2



C5B26A

Complementary

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



0EC4D9



D9230E

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.



E3A572



0EC4D9



F696AF

Square

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



0EC4D9



BDA7EE



F59A8C



9FBC75

Rectangle

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



0EC4D9



71B8F9



F59A8C



D0AD6A

Sweetspot

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



0EC4D9



B8F8FF



0ED922



547B80



000000



808080

Same Dimension

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



0EC4D9



00E5FF



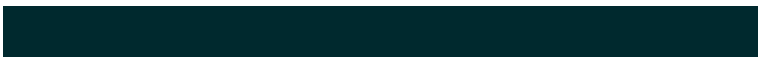
0E5FD9



636D6E



009BAD



00292E

Inverse Universe

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



D90EC4



FF00E5



D9880E



6E636D



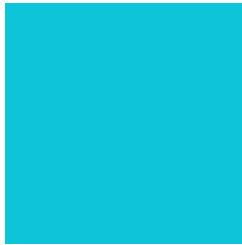
AD009B



2E0029

Previews

White Background



This preview shows how the Hex color 0EC4D9 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 0EC4D9 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 0EC4D9 Background



This preview shows how black text looks on a background with the Hex color 0EC4D9.

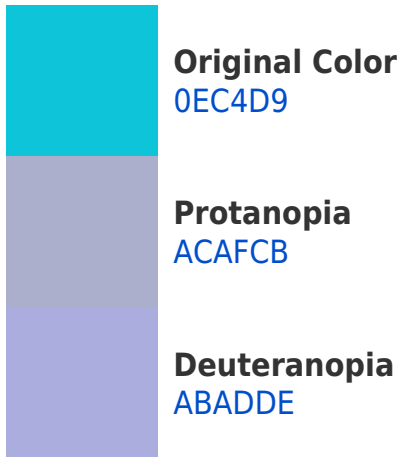


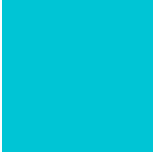
This preview shows how white text looks on a background with the Hex color 0EC4D9.

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
00C5D5

Trichromacy



Original Color
0EC4D9



Protanomaly
73B7D0



Deuteranomaly
72B5DC



Tritanomaly
05C5D6

Monochromacy



Original Color
0EC4D9



Achromatopsia
909090



Achromatomaly
61A3AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EC4D9 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 #0EC4D9 looks like.

```
.text, #text, p{  
    color:#0EC4D9  
}
```

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 #0EC4D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC4D9
}
```

Border

The CSS property to change the border of an element to Hex 0EC4D9 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
#0EC4D9 }
```

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

```
.border{ border-color:#0EC4D9 }
```

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

Here you see how a box with a 4 pixel #0EC4D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC4D9; -webkit-box-shadow:4px 4px  
4px 4px #0EC4D9; box-shadow:4px 4px 4px  
4px #0EC4D9 }
```

Background

The CSS property to change the background color of an element to Hex 0EC4D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC4D9 }
```

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

```
.background{ background-color:#0EC4D9 }
```

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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