

# Converting Colors

Hex(0EC7C7)

Have a look what the booklet for  
Hex(0EC7C7) contains.

<b>Hex(0EC7C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0EC7C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EC7C7
RGB	14, 199, 199
RGB Percent	5%, 78%, 78%
CMY	0.9451, 0.2196, 0.2196
CMYK	0.93, 0.00, 0.00, 0.22
HSL	180°, 87%, 42%
HSV	180°, 93%, 78%
XYZ	30.9133, 45.0637, 61.1017
YIQ	143.6850, -110.2600, -39.2200

# Conversions

## Conversions Part 2

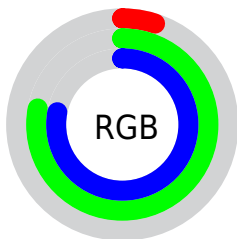
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 107, 199
Decimal	968647
CIELab	72.93, -39.48, -11.63
CIELCh	73, 41.161, 196.415
Yxy	45.0637, 0.2255, 0.3287
Android (android.graphics.Color)	4279158727 (0xFF0EC7C7)
YUV	143.6850, 27.2703, -113.7337
Hunter-Lab	67.1295, -35.2769, -6.9754

# Details

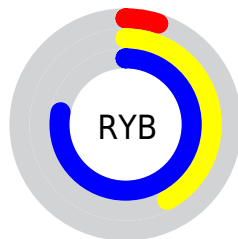
The Hex color **0EC7C7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **C70E0E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFFF**, and **009091** is the 20% darker color. If you saturate the color by 10%, you get **00C7C7**, and if you desaturate by 10%, it is **22C7C7**.

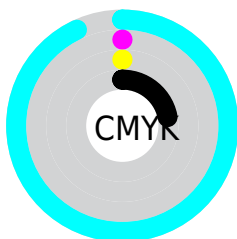
# Distribution



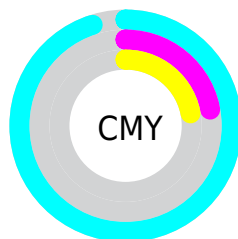
- Red (5%)
- Green (78%)
- Blue (78%)



- Red (5%)
- Yellow (42%)
- Blue (78%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EC7C7 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 0EC7C7 by changing the saturation by 10% instead.



 0EC7C7

 0EC7C7

FFFFFF

 00ABAC

 6BFFFF

 009091

 8CFFFF

 007678

 ACFFFF

 005D5F

 CBFFFF

 004447

 EAFFFF

 002D31

 00131C

 000000

 0EC7C7

 0EC7C7

■ 00C7C7

■ 22C7C7

■ 36C7C7

■ 4AC7C7

■ 5EC7C7

■ 72C7C7

■ 85C7C7

■ 99C7C7

■ ADC7C7

■ C1C7C7

# Harmonies

## Analogous

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



5AC6A0



0EC7C7



00C4E8

# Triad

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



0EC7C7



D1A2E7



DAAB6A

# Complementary

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



0EC7C7



C70E0E

# 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.



F39E7E



0EC7C7



F197C6

# Square

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



0EC7C7



9DB0FB



FC96A0



B7B769

# Rectangle

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



0EC7C7



40BFF7



FC96A0



E4A66F



# Sweetspot

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



0EC7C7



B8FFFF



0EC70E



548080



000000



808080



# Same Dimension

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



0EC7C7



00FFFF



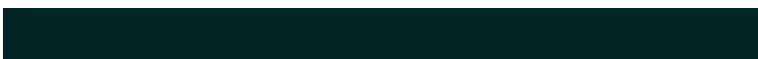
0E6BC7



5A6363



00A3A3



002424



# Inverse Universe

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



C70EC7



FF00FF



C76B0E



635A63



A300A3

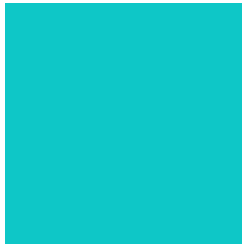


240024



# Previews

## White Background



This preview shows how the Hex color 0EC7C7 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 0EC7C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

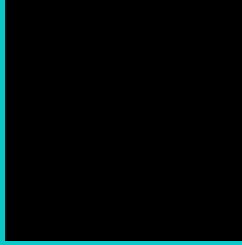
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

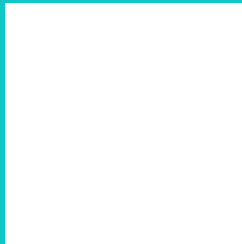
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0EC7C7 Background



This preview shows how black text looks on a background with the Hex color 0EC7C7.

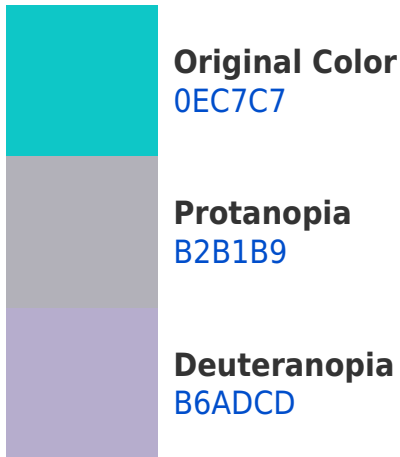


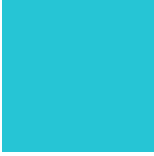
This preview shows how white text looks on a background with the Hex color 0EC7C7.

# 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**  
26C5D5

# Trichromacy



**Original Color**  
0EC7C7



**Protanomaly**  
76B9BE



**Deuteranomaly**  
79B6CB



**Tritanomaly**  
1DC6D0

# Monochromacy



**Original Color**  
0EC7C7



**Achromatopsia**  
909090



**Achromatomaly**  
61A4A4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EC7C7 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 #0EC7C7 looks like.

```
.text, #text, p{  
    color:#0EC7C7  
}
```

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 #0EC7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC7C7
}
```

## Border

The CSS property to change the border of an element to Hex 0EC7C7 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
#0EC7C7 }
```

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

```
.border{ border-color:#0EC7C7 }
```

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

Here you see how a box with a 4 pixel #0EC7C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC7C7; -webkit-box-shadow:4px 4px  
4px 4px #0EC7C7; box-shadow:4px 4px 4px  
4px #0EC7C7 }
```

# Background

The CSS property to change the background color of an element to Hex 0EC7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC7C7 }
```

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

```
.background{ background-color:#0EC7C7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor