

# Converting Colors

Hex(0EC9B7)

Have a look what the booklet for  
Hex(0EC9B7) contains.

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**Color**

**Hex(0EC9B7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EC9B7
RGB	14, 201, 183
RGB Percent	5%, 79%, 72%
CMY	0.9451, 0.2118, 0.2824
CMYK	0.93, 0.00, 0.09, 0.21
HSL	174°, 87%, 42%
HSV	174°, 93%, 79%
XYZ	29.6150, 45.2855, 51.9799
YIQ	143.0350, -105.6740, -45.2420

# Conversions

## Conversions Part 2

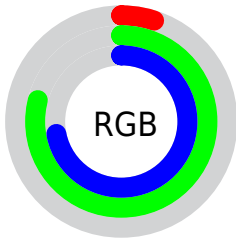
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 112, 201
Decimal	969143
CIELab	73.08, -44.99, -2.73
CIElCh	73, 45.076, 183.466
Yxy	45.2855, 0.2334, 0.3569
Android (android.graphics.Color)	4279159223 (0xFF0EC9B7)
YUV	143.0350, 19.7027, -113.1637
Hunter-Lab	67.2945, -39.2111, 1.3092

# Details

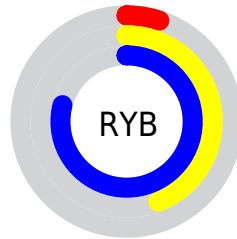
The Hex color **0EC9B7** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **C90E20**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6AFFEF**, and **009282** is the 20% darker color. If you saturate the color by 10%, you get **00C9B6**, and if you desaturate by 10%, it is **22C9B9**.

# Distribution



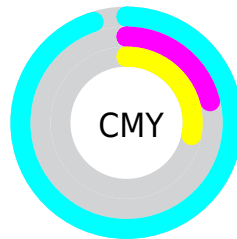
- Red (5%)
- Green (79%)
- Blue (72%)



- Red (5%)
- Yellow (44%)
- Blue (79%)



- Cyan (93%)
- Magenta (0%)
- Yellow (9%)
- Black (21%)



- Cyan (95%)
- Magenta (21%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EC9B7 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 0EC9B7 by changing the saturation by 10% instead.



 0EC9B7

 0EC9B7

FFFFFF

 00AD9C

 6AFFEF

 009282

 8BFFFF

 007869

 AAFFFF

 005E51

 C9FFFF

 00453A

 E8FFFF

 002E25

 001310

 000000

 0EC9B7

 0EC9B7

00C9B6

22C9B9

36C9BB

4AC9BD

5EC9BF

72C9C1

87C9C3

9BC9C5

AFC9C6

C3C9C8

# Harmonies

## Analogous

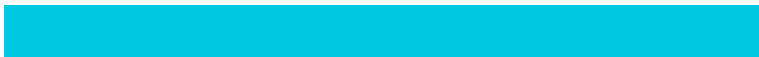
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69C68D



0EC9B7



00C8E0

# Triad

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



0EC9B7



BEA7F8



EBA46A

# Complementary

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



0EC9B7



C90E20

# 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.



FF9788



0EC9B7



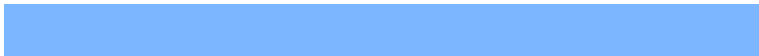
EB99D9

# Square

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



0EC9B7



7BB6FF



FF92B0



C9B35F

# Rectangle

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



0EC9B7



00C4F5



FF92B0



F49F72



# Sweetspot

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



0EC9B7



B8FFF8



21C90E



54807B



000000



808080



# Same Dimension

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



0EC9B7



00FFE6



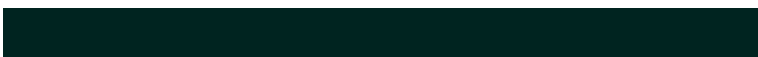
0E7EC9



5A6362



00A393



002420



# Inverse Universe

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



C90E20



FF0019



C9590E



635A5A



A30010

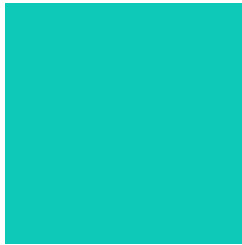


240003



# Previews

## White Background



This preview shows how the Hex color 0EC9B7 looks on a white background.

## Color Contrast Check

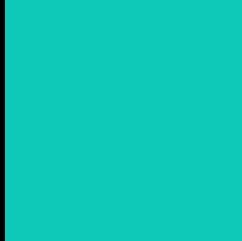
Large Text (above 18pt) WCAG AA × Fail

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 0EC9B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

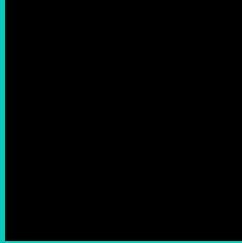
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

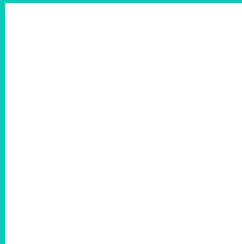
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0EC9B7 Background



This preview shows how black text looks on a background with the Hex color 0EC9B7.

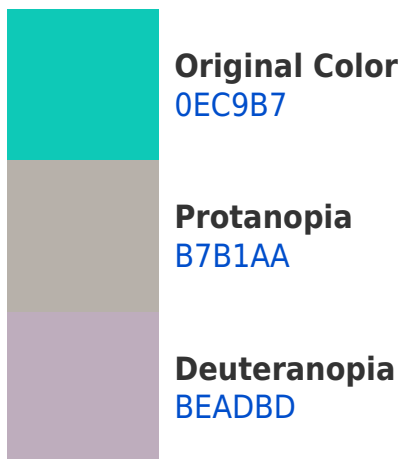


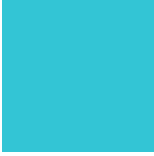
This preview shows how white text looks on a background with the Hex color 0EC9B7.

# 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**  
33C5D5

# Trichromacy



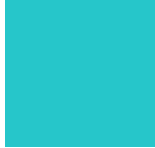
**Original Color**  
0EC9B7



**Protanomaly**  
7ABAAF



**Deuteranomaly**  
7EB7BB



**Tritanomaly**  
26C6CA

# Monochromacy



**Original Color**  
0EC9B7



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
60A49E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EC9B7 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 #0EC9B7 looks like.

```
.text, #text, p{  
    color:#0EC9B7  
}
```

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 #0EC9B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EC9B7
}
```

## Border

The CSS property to change the border of an element to Hex 0EC9B7 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
#0EC9B7 }
```

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

```
.border{ border-color:#0EC9B7 }
```

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

Here you see how a box with a 4 pixel #0EC9B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EC9B7; -webkit-box-shadow:4px 4px  
4px 4px #0EC9B7; box-shadow:4px 4px 4px  
4px #0EC9B7 }
```

# Background

The CSS property to change the background color of an element to Hex 0EC9B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EC9B7 }
```

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

```
.background{ background-color:#0EC9B7 }
```

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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