

# Converting Colors

Hex(0EB9A4)

Have a look what the booklet for  
Hex(0EB9A4) contains.

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# Color

**Hex(0EB9A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EB9A4
RGB	14, 185, 164
RGB Percent	5%, 73%, 64%
CMY	0.9451, 0.2745, 0.3569
CMYK	0.92, 0.00, 0.11, 0.27
HSL	173°, 86%, 39%
HSV	173°, 92%, 73%
XYZ	24.2309, 37.4716, 41.0776
YIQ	131.4770, -95.1750, -42.7830

# Conversions

## Conversions Part 2

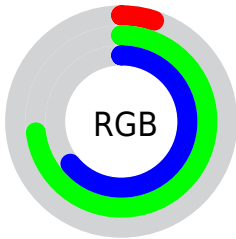
Format	Color
<a href="#">RYB</a>	<a href="#">14, 105, 185</a>
Decimal	<a href="#">965028</a>
CIELab	<a href="#">67.63, -43.43, -0.33</a>
CIELCh	<a href="#">68, 43.433, 180.430</a>
Yxy	<a href="#">37.4716, 0.2358, 0.3646</a>
Android (android.graphics.Color)	<a href="#">4279155108 (0xFF0EB9A4)</a>
YUV	<a href="#">131.4770, 16.0338, -103.0273</a>
Hunter-Lab	<a href="#">61.2141, -36.4674, 3.0634</a>

# Details

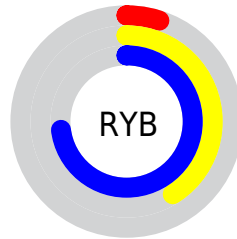
The Hex color **0EB9A4** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B90E23**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **65F2DB**, and **008370** is the 20% darker color. If you saturate the color by 10%, you get **00B9A2**, and if you desaturate by 10%, it is **21B9A6**.

# Distribution



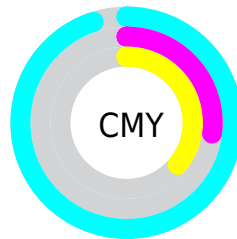
- Red (5%)
- Green (73%)
- Blue (64%)



- Red (5%)
- Yellow (41%)
- Blue (73%)



- Cyan (92%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (95%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EB9A4 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 0EB9A4 by changing the saturation by 10% instead.



 0EB9A4

 0EB9A4

FFFFFF

 009E8A

 65F2DB

 008370

 85FFF7

 006958

 A3FFFF

 005041

 C2FFFF

 00382B

 E0FFFF


 002216

 000000

 0EB9A4

 0EB9A4

 00B9A2

 21B9A6

 33B9A9

 45B9AB

 58B9AD

 6AB9AF

 7DB9B2

 90B9B4

 A2B9B6

 B5B9B8

# Harmonies

## Analogous

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



64B67D



0EB9A4



00B8CB

# Triad

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



0EB9A4



A99AE8



DC9561

# Complementary

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



0EB9A4



B90E23

# 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.



EE897F



0EB9A4



D68CCC

# Square

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



0EB9A4



66A9F3



ED85A6



BCA355

# Rectangle

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



0EB9A4



00B5E0



ED85A6



E4906A



# Sweetspot

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



0EB9A4



ADF0E7



25B90E



4F7873



F7F7F7



787878



# Same Dimension

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



0EB9A4



00F0D2



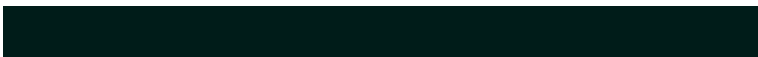
0E7AB9



535C5B



009C88



001C19



# Inverse Universe

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



B90E23



F0001D



B94D0E



5C5354



9C0013

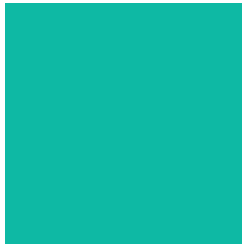


1C0003



# Previews

## White Background



This preview shows how the Hex color 0EB9A4 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 0EB9A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

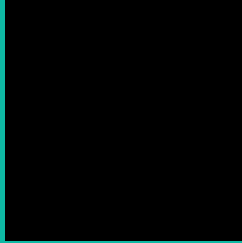
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EB9A4 Background



This preview shows how black text looks on a background with the Hex color 0EB9A4.

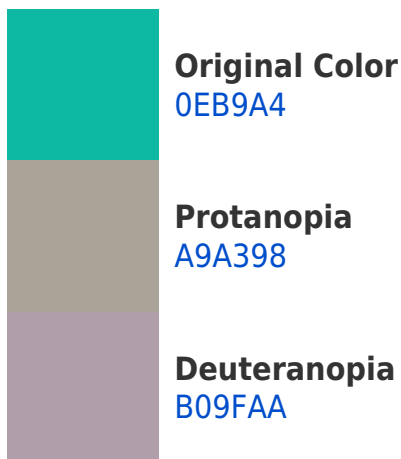


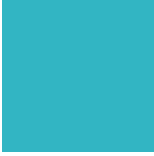
This preview shows how white text looks on a background with the Hex color 0EB9A4.

# 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**  
32B5C3

# Trichromacy



**Original Color**  
0EB9A4



**Protanomaly**  
71AB9C



**Deuteranomaly**  
75A8A8



**Tritanomaly**  
25B6B8

# Monochromacy



**Original Color**  
0EB9A4



**Achromatopsia**  
838383



**Achromatomaly**  
58978F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EB9A4 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 #0EB9A4 looks like.

```
.text, #text, p{  
    color:#0EB9A4  
}
```

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 #0EB9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB9A4
}
```

## Border

The CSS property to change the border of an element to Hex 0EB9A4 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
#0EB9A4 }
```

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

```
.border{ border-color:#0EB9A4 }
```

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

Here you see how a box with a 4 pixel #0EB9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB9A4; -webkit-box-shadow:4px 4px  
4px 4px #0EB9A4; box-shadow:4px 4px 4px  
4px #0EB9A4 }
```

# Background

The CSS property to change the background color of an element to Hex 0EB9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB9A4 }
```

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

```
.background{ background-color:#0EB9A4 }
```

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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