

# Converting Colors

Hex(0EB299)

Have a look what the booklet for  
Hex(0EB299) contains.

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**Color**

**Hex(0EB299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EB299
RGB	14, 178, 153
RGB Percent	5%, 70%, 60%
CMY	0.9451, 0.3020, 0.4000
CMYK	0.92, 0.00, 0.14, 0.30
HSL	171°, 85%, 38%
HSV	171°, 92%, 70%
XYZ	21.8513, 34.2341, 35.5931
YIQ	126.1140, -89.7190, -42.5430

# Conversions

## Conversions Part 2

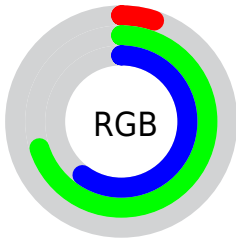
Format	Color
<a href="#">RYB</a>	<a href="#">14, 103, 178</a>
Decimal	<a href="#">963225</a>
CIELab	<a href="#">65.15, -43.47, 2.14</a>
CIELCh	<a href="#">65, 43.526, 177.186</a>
Yxy	<a href="#">34.2341, 0.2383, 0.3734</a>
Android (android.graphics.Color)	<a href="#">4279153305 (0xFF0EB299)</a>
YUV	<a href="#">126.1140, 13.2548, -98.3240</a>
Hunter-Lab	<a href="#">58.5099, -35.7292, 4.8892</a>

# Details

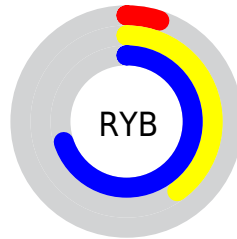
The Hex color **0EB299** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B20E27**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63EBCF**, and **007C66** is the 20% darker color. If you saturate the color by 10%, you get **00B297**, and if you desaturate by 10%, it is **20B29C**.

# Distribution



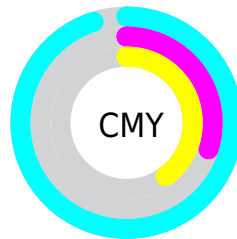
- Red (5%)
- Green (70%)
- Blue (60%)



- Red (5%)
- Yellow (40%)
- Blue (70%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (30%)



- Cyan (95%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EB299 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 0EB299 by changing the saturation by 10% instead.





0EB299



0EB299

FFFFFF



00977F



63EBCF



007C66



82FFEB



00634E



A0FFFF



004A37



BEFFFF



003222



DDFFFF



001B0C



FBFFFF



000000



0EB299



0EB299



00B297



20B29C

 32B29E

 43B2A1

 55B2A4

 67B2A7

 79B2A9

 8BB2AC

 9CB2AF

 AEB2B1

# Harmonies

## Analogous

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



63AE72



0EB299



00B2C0

# Triad

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



0EB299



9C95E3



D78D5E

# Complementary

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



0EB299



B20E27

# 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.



E7817D



0EB299



CB87C9

# Square

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



0EB299



55A3EC



E47EA3



B99B4F

# Rectangle

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



0EB299



00AFD6



E47EA3



DE8867



# Sweetspot

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



0EB299



A7E8DE



29B20E



4D756F



F5F5F5



757575



# Same Dimension

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



0EB299



00E8C5



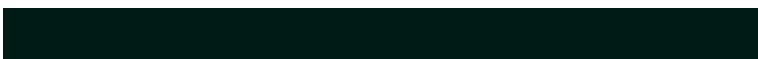
0E7BB2



505958



009982



001A16



# Inverse Universe

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



B20E27



E80023



B2450E



595052



990017

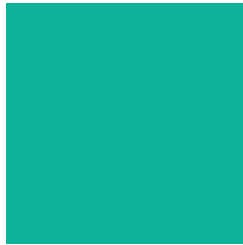


1A0004



# Previews

## White Background



This preview shows how the Hex color 0EB299 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 0EB299 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

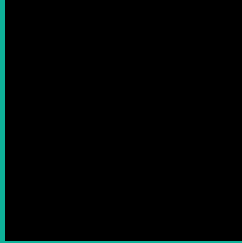
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0EB299 Background



This preview shows how black text looks on a background with the Hex color 0EB299.

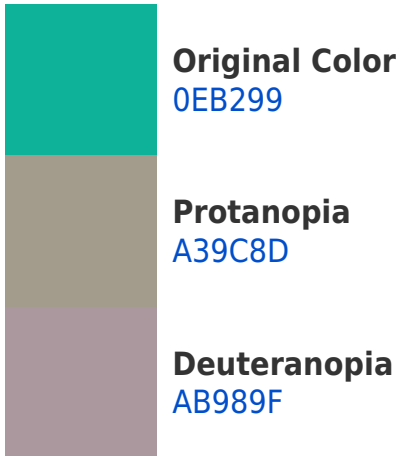


This preview shows how white text looks on a background with the Hex color 0EB299.

# 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





# Trichromacy



**Original Color**  
0EB299



**Protanomaly**  
6DA491



**Deuteranomaly**  
72A19D



**Tritanomaly**  
25AFAF

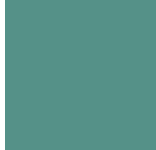
# Monochromacy



**Original Color**  
0EB299



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
559188

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EB299 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 #0EB299 looks like.

```
.text, #text, p{  
    color:#0EB299  
}
```

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 #0EB299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB299  
}
```

## Border

The CSS property to change the border of an element to Hex 0EB299 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  
#0EB299 }
```

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

```
.border{ border-color:#0EB299 }
```

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

Here you see how a box with a 4 pixel #0EB299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB299; -webkit-box-shadow:4px 4px  
4px 4px #0EB299; box-shadow:4px 4px 4px  
4px #0EB299 }
```

# Background

The CSS property to change the background color of an element to Hex 0EB299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB299 }
```

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

```
.background{ background-color:#0EB299 }
```

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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