

Converting Colors

Hex(0EB09A)

Have a look what the booklet for
Hex(0EB09A) contains.

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Color

Hex(0EB09A)

Conversions

Conversions Part 1

Format	Color
Hex	0EB09A
RGB	14, 176, 154
RGB Percent	5%, 69%, 60%
CMY	0.9451, 0.3098, 0.3961
CMYK	0.92, 0.00, 0.13, 0.31
HSL	172°, 85%, 37%
HSV	172°, 92%, 69%
XYZ	21.5392, 33.4771, 35.8983
YIQ	125.0540, -89.4900, -41.1860

Conversions

Conversions Part 2

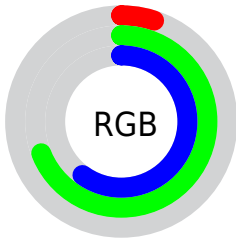
Format	Color
RYB	14, 101, 176
Decimal	962714
CIELab	64.55, -42.34, 0.71
CIELCh	65, 42.348, 179.046
Yxy	33.4771, 0.2369, 0.3682
Android (android.graphics.Color)	4279152794 (0xFF0EB09A)
YUV	125.0540, 14.2704, -97.3944
Hunter-Lab	57.8594, -34.8043, 3.7157

Details

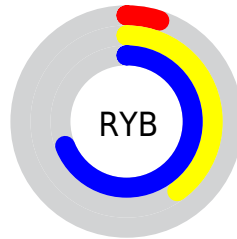
The Hex color **0EB09A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B00E24**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **62E8D0**, and **007A67** is the 20% darker color. If you saturate the color by 10%, you get **00B098**, and if you desaturate by 10%, it is **20B09C**.

Distribution



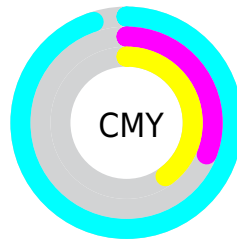
- Red (5%)
- Green (69%)
- Blue (60%)



- Red (5%)
- Yellow (40%)
- Blue (69%)



- Cyan (92%)
- Magenta (0%)
- Yellow (13%)
- Black (31%)



- Cyan (95%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB09A 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 0EB09A by changing the saturation by 10% instead.

 0EB09A

 0EB09A


FFFFFF

 009580

 62E8D0

 007A67

 81FFED

 00614F

 A0FFFF

 004838

 BEFFFF

 003123

 DCFFFF

 00190E

 FBFFFF

 000000

 0EB09A

 0EB09A

 00B098

 20B09C

 31B09F

 43B0A1

 54B0A4

 66B0A6

 78B0A8

 89B0AB

 9BB0AD

 ACB0B0

Harmonies

Analogous

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



60AD74



0EB09A



00AFC0

Triad

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



0EB09A



9E93DF



D38C5C

Complementary

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



0EB09A



B00E24

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.



E3817A



0EB09A



CA85C4

Square

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



0EB09A



5CA1E8



E27E9F



B59A4F

Rectangle

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



0EB09A



00ADD5



E27E9F



DA8865

Sweetspot

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



0EB09A



A5E6DD



26B00E



4C736D



F2F2F2



737373

Same Dimension

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



0EB09A



00E6C6



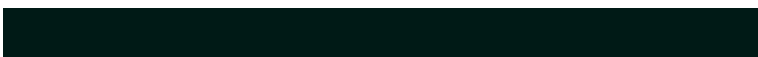
0E77B0



505958



009984



001A16

Inverse Universe

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



B00E24



E6001F



B0470E



595052



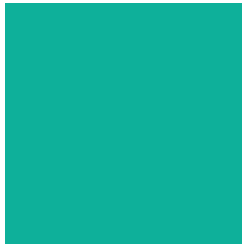
990015



1A0003

Previews

White Background



This preview shows how the Hex color 0EB09A 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 0EB09A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

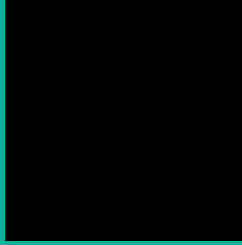
Any Text WCAG AA ✓ Pass

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 0EB09A Background



This preview shows how black text looks on a background with the Hex color 0EB09A.

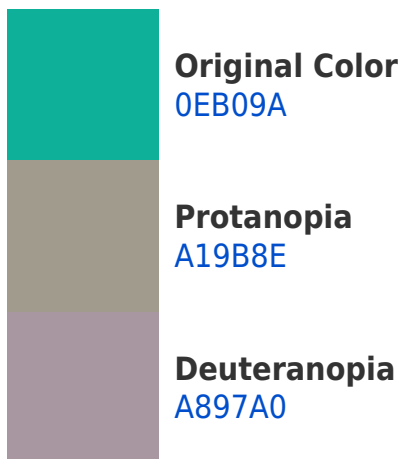


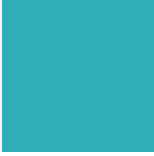
This preview shows how white text looks on a background with the Hex color 0EB09A.

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
31ACB9

Trichromacy



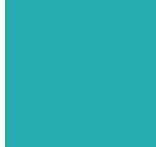
Original Color
0EB09A



Protanomaly
6CA392



Deuteranomaly
70A09E



Tritanomaly
24ADAE

Monochromacy



Original Color
0EB09A



Achromatopsia
7D7D7D



Achromatomaly
559088

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB09A 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 #0EB09A looks like.

```
.text, #text, p{  
    color:#0EB09A  
}
```

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 #0EB09A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB09A
}
```

Border

The CSS property to change the border of an element to Hex 0EB09A 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
#0EB09A }
```

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

```
.border{ border-color:#0EB09A }
```

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

Here you see how a box with a 4 pixel #0EB09A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB09A; -webkit-box-shadow:4px 4px  
4px 4px #0EB09A; box-shadow:4px 4px 4px  
4px #0EB09A }
```

Background

The CSS property to change the background color of an element to Hex 0EB09A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB09A }
```

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

```
.background{ background-color:#0EB09A }
```

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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