

Converting Colors

Hex(0EB19A)

Have a look what the booklet for
Hex(0EB19A) contains.

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Color

Hex(0EB19A)

Conversions

Conversions Part 1

Format	Color
Hex	0EB19A
RGB	14, 177, 154
RGB Percent	5%, 69%, 60%
CMY	0.9451, 0.3059, 0.3961
CMYK	0.92, 0.00, 0.13, 0.31
HSL	172°, 85%, 37%
HSV	172°, 92%, 69%
XYZ	21.7360, 33.8707, 35.9640
YIQ	125.6410, -89.7650, -41.7090

Conversions

Conversions Part 2

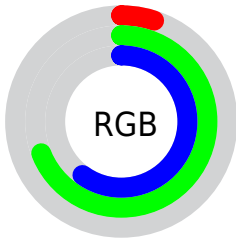
Format	Color
RYB	14, 102, 177
Decimal	962970
CIELab	64.86, -42.77, 1.16
CIELCh	65, 42.788, 178.442
Yxy	33.8707, 0.2374, 0.3699
Android (android.graphics.Color)	4279153050 (0xFF0EB19A)
YUV	125.6410, 13.9810, -97.9092
Hunter-Lab	58.1986, -35.1814, 4.1006

Details

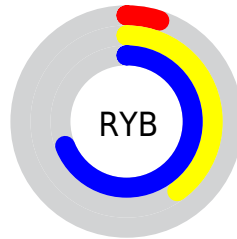
The Hex color **0EB19A** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B10E25**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **63E9D0**, and **007B67** is the 20% darker color. If you saturate the color by 10%, you get **00B198**, and if you desaturate by 10%, it is **20B19C**.

Distribution



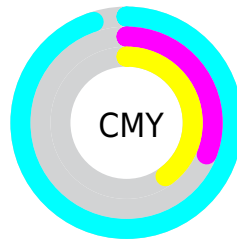
- Red (5%)
- Green (69%)
- Blue (60%)



- 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 0EB19A 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 0EB19A by changing the saturation by 10% instead.

 0EB19A

 0EB19A

FFFFFF

 009680

 63E9D0

 007B67

 82FFED

 00624F

 A0FFFF

 004938

 BEFFFF

 003123

 DCFFFF

 001A0E

 FBFFFF


 000000

 0EB19A

 0EB19A

 00B198

 20B19C

 31B19F

 43B1A1

 55B1A4

 67B1A6

 78B1A9

 8AB1AB

 9CB1AE

 ADB1B0

Harmonies

Analogous

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



61AD74



0EB19A



00B1C1

Triad

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



0EB19A



9E94E1



D58D5D

Complementary

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



0EB19A



B10E25

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.



E5817B



0EB19A



CB86C6

Square

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



0EB19A



5AA2E9



E37EA1



B79A4F

Rectangle

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



0EB19A



00AED6



E37EA1



DC8866

Sweetspot

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



0EB19A



A5E6DC



26B10E



4C736D



F2F2F2



737373

Same Dimension

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



0EB19A



00E6C5



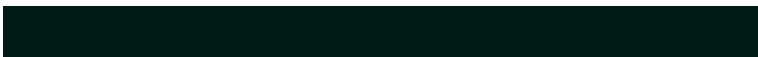
0E78B1



505958



009983



001A16

Inverse Universe

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



B10E25



E60020



B1470E



595052



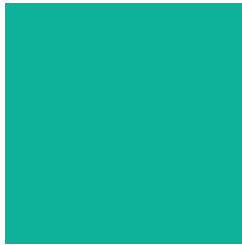
990016



1A0004

Previews

White Background



This preview shows how the Hex color 0EB19A looks on a white background.

Color Contrast Check

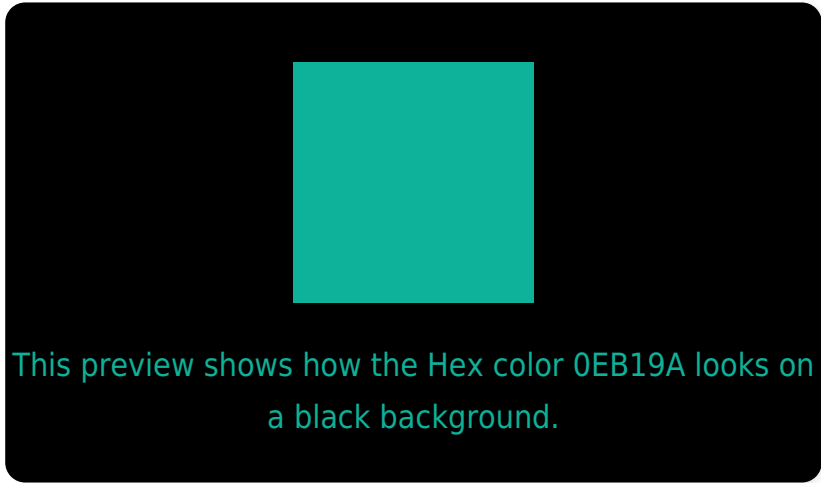
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 0EB19A Background



This preview shows how black text looks on a background with the Hex color 0EB19A.

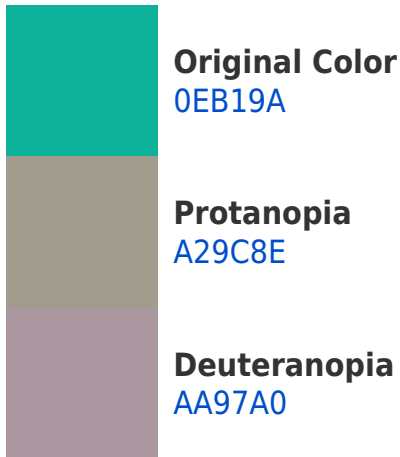


This preview shows how white text looks on a background with the Hex color 0EB19A.

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



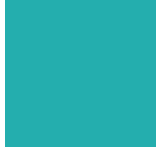
Original Color
0EB19A



Protanomaly
6CA492



Deuteranomaly
71A09E



Tritanomaly
24AEAE

Monochromacy



Original Color
0EB19A



Achromatopsia
7E7E7E



Achromatomaly
559188

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB19A 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 #0EB19A looks like.

```
.text, #text, p{  
    color:#0EB19A  
}
```

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 #0EB19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB19A
}
```

Border

The CSS property to change the border of an element to Hex 0EB19A 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
#0EB19A }
```

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

```
.border{ border-color:#0EB19A }
```

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

Here you see how a box with a 4 pixel #0EB19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB19A; -webkit-box-shadow:4px 4px  
4px 4px #0EB19A; box-shadow:4px 4px 4px  
4px #0EB19A }
```

Background

The CSS property to change the background color of an element to Hex 0EB19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB19A }
```

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

```
.background{ background-color:#0EB19A }
```

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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