

Converting Colors

Hex(0EA199)

Have a look what the booklet for
Hex(0EA199) contains.

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Color

Hex(0EA199)

Conversions

Conversions Part 1

Format	Color
Hex	0EA199
RGB	14, 161, 153
RGB Percent	5%, 63%, 60%
CMY	0.9451, 0.3686, 0.4000
CMYK	0.91, 0.00, 0.05, 0.37
HSL	177°, 84%, 34%
HSV	177°, 91%, 63%
XYZ	18.6757, 27.8830, 34.5346
YIQ	116.1350, -85.0440, -33.6520

Conversions

Conversions Part 2

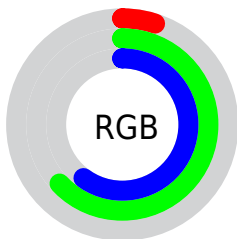
Format	Color
RYB	14, 90, 161
Decimal	958873
CIELab	59.78, -35.97, -5.73
CIElCh	60, 36.424, 189.057
Yxy	27.8830, 0.2303, 0.3438
Android (android.graphics.Color)	4279148953 (0xFF0EA199)
YUV	116.1350, 18.1744, -89.5724
Hunter-Lab	52.8044, -29.2761, -1.8133

Details

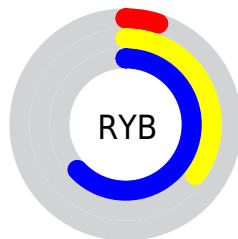
The Hex color **0EA199** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10E16**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FD8CF**, and **006D66** is the 20% darker color. If you saturate the color by 10%, you get **00A198**, and if you desaturate by 10%, it is **1EA19A**.

Distribution



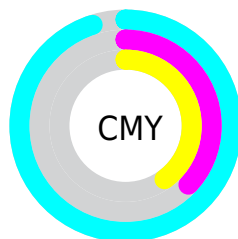
- Red (5%)
- Green (63%)
- Blue (60%)



- Red (5%)
- Yellow (35%)
- Blue (63%)



- Cyan (91%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)



- Cyan (95%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EA199 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 0EA199 by changing the saturation by 10% instead.

 0EA199

 0EA199


FFFFFF

 00867F

 5FD8CF

 006D66

 7EF5EB

 00544E

 9CFFFF

 003C37

 B9FFFF

 002722

 D7FFFF

 00010D

 F6FFFF

 000000

 0EA199

 0EA199

 00A198

 1EA19A

 2EA19B

 3EA19C

 4EA19D

 5FA19D

 6FA19E

 7FA19F

 8FA1A0

 9FA1A1

Harmonies

Analogous

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



4F9F78



0EA199



009FB7

Triad

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



0EA199



A084C2



B78654

Complementary

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



0EA199



A10E16

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.



CA7C69



0EA199



C07AA8

Square

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



0EA199



7090CF



CE7687



9B9150

Rectangle

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



0EA199



099CC6



CE7687



BF825A

Sweetspot

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



0EA199



99D1CE



18A10E



476967



E8E8E8



696969

Same Dimension

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



0EA199



00D1C6



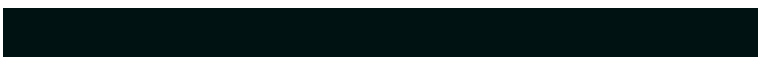
0E61A1



495251



009189



001211

Inverse Universe

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



A10E16



D1000B



A14E0E



52494A



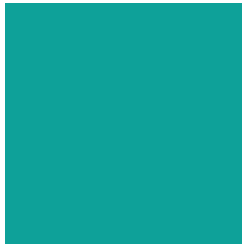
910008



120001

Previews

White Background



This preview shows how the Hex color 0EA199 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

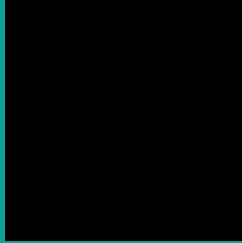
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 0EA199 Background



This preview shows how black text looks on a background with the Hex color 0EA199.

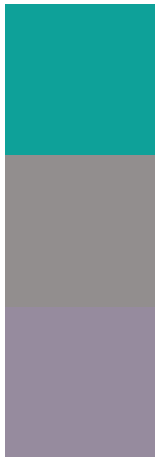


This preview shows how white text looks on a background with the Hex color 0EA199.

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



Original Color
0EA199

Protanopia
928E8E

Deuteranopia
968B9E



Tritanopia
269EAB

Trichromacy



Original Color
0EA199



Protanomaly
629592



Deuteranomaly
65939C



Tritanomaly
1D9FA4

Monochromacy



Original Color
0EA199



Achromatopsia
747474



Achromatomaly
4F8481

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EA199 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 #0EA199 looks like.

```
.text, #text, p{  
    color:#0EA199  
}
```

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 #0EA199 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA199
}
```

Border

The CSS property to change the border of an element to Hex 0EA199 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
#0EA199 }
```

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

```
.border{ border-color:#0EA199 }
```

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

Here you see how a box with a 4 pixel #0EA199 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA199; -webkit-box-shadow:4px 4px  
4px 4px #0EA199; box-shadow:4px 4px 4px  
4px #0EA199 }
```

Background

The CSS property to change the background color of an element to Hex 0EA199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA199 }
```

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

```
.background{ background-color:#0EA199 }
```

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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