

Converting Colors

Hex(0EAC94)

Have a look what the booklet for
Hex(0EAC94) contains.

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Color

Hex(0EAC94)

Conversions

Conversions Part 1

Format	Color
Hex	0EAC94
RGB	14, 172, 148
RGB Percent	5%, 67%, 58%
CMY	0.9451, 0.3255, 0.4196
CMYK	0.92, 0.00, 0.14, 0.33
HSL	171°, 85%, 36%
HSV	171°, 92%, 67%
XYZ	20.2789, 31.7365, 33.0739
YIQ	122.0220, -86.4640, -40.9600

Conversions

Conversions Part 2

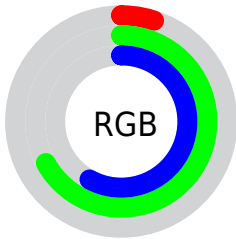
Format	Color
RYB	14, 99, 172
Decimal	961684
CIELab	63.12, -42.28, 1.98
CIELCh	63, 42.329, 177.321
Yxy	31.7365, 0.2383, 0.3730
Android (android.graphics.Color)	4279151764 (0xFF0EAC94)
YUV	122.0220, 12.8072, -94.7353
Hunter-Lab	56.3352, -34.3321, 4.6260

Details

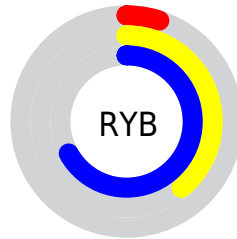
The Hex color **0EAC94** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC0E26**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **61E4CA**, and **007761** is the 20% darker color. If you saturate the color by 10%, you get **00AC92**, and if you desaturate by 10%, it is **1FAC97**.

Distribution



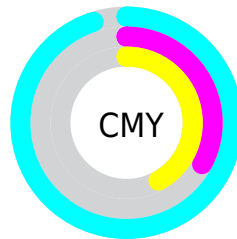
- Red (5%)
- Green (67%)
- Blue (58%)



- Red (5%)
- Yellow (39%)
- Blue (67%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EAC94 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 0EAC94 by changing the saturation by 10% instead.



0EAC94



0EAC94

FFFFFF



00917A



61E4CA



007761



80FFE6



005D4A



9EFFFF



004533



BCFFFF



002E1E



DAFFFF



001306



F8FFFF



000000



0EAC94



0EAC94



00AC92



1FAC97

 30AC99

 42AC9C

 53AC9E

 64ACA1

 75ACA4

 86ACA6

 98ACA9

 A9ACAC

Harmonies

Analogous

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



5FA86F



0EAC94



00ACBA

Triad

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



0EAC94



9790DC



D0885A

Complementary

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



0EAC94



AC0E26

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.



DF7D78



0EAC94



C482C2

Square

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



0EAC94



539EE4



DD7A9E



B3954C

Rectangle

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



0EAC94



00A9CF



DD7A9E



D78463

Sweetspot

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



0EAC94



A2E0D7



28AC0E



4A706A



F0F0F0



707070

Same Dimension

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



0EAC94



00E0BE



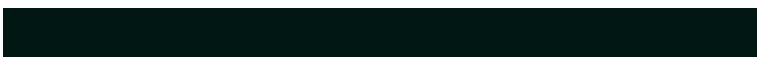
0E77AC



4E5755



009680



001713

Inverse Universe

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



AC0E26



E00022



AC430E



574E4F



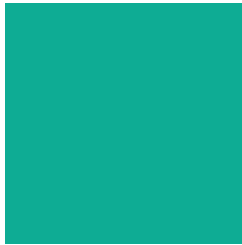
960017



170003

Previews

White Background



This preview shows how the Hex color 0EAC94 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 0EAC94 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 0EAC94 Background



This preview shows how black text looks on a background with the Hex color 0EAC94.

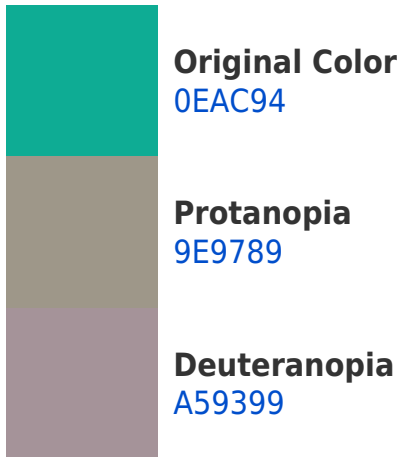


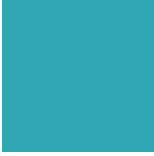
This preview shows how white text looks on a background with the Hex color 0EAC94.

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
31A7B5

Trichromacy



Original Color
0EAC94



Protanomaly
6A9F8D



Deuteranomaly
6E9C97



Tritanomaly
24A9A9

Monochromacy



Original Color
0EAC94



Achromatopsia
7A7A7A



Achromatomaly
538C83

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EAC94 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 #0EAC94 looks like.

```
.text, #text, p{  
    color:#0EAC94  
}
```

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 #0EAC94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EAC94
}
```

Border

The CSS property to change the border of an element to Hex 0EAC94 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
#0EAC94 }
```

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

```
.border{ border-color:#0EAC94 }
```

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

Here you see how a box with a 4 pixel #0EAC94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EAC94; -webkit-box-shadow:4px 4px  
4px 4px #0EAC94; box-shadow:4px 4px 4px  
4px #0EAC94 }
```

Background

The CSS property to change the background color of an element to Hex 0EAC94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EAC94 }
```

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

```
.background{ background-color:#0EAC94 }
```

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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