

# Converting Colors

Hex(0EAC81)

Have a look what the booklet for  
Hex(0EAC81) contains.

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# Color

**Hex(0EAC81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EAC81
RGB	14, 172, 129
RGB Percent	5%, 67%, 51%
CMY	0.9451, 0.3255, 0.4941
CMYK	0.92, 0.00, 0.25, 0.33
HSL	164°, 85%, 36%
HSV	164°, 92%, 67%
XYZ	18.8961, 31.1834, 25.7919
YIQ	119.8560, -80.3650, -46.8690

# Conversions

## Conversions Part 2

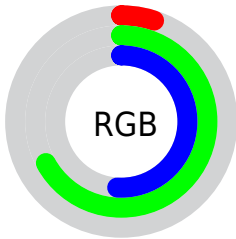
<b>Format</b>	<b>Color</b>
<b>RYB</b>	14, 105, 172
Decimal	961665
CIELab	62.66, -47.24, 11.88
CIELCh	63, 48.711, 165.888
Yxy	31.1834, 0.2491, 0.4110
Android (android.graphics.Color)	4279151745 (0xFF0EAC81)
YUV	119.8560, 4.5080, -92.8357
Hunter-Lab	55.8421, -37.3221, 11.7050

# Details

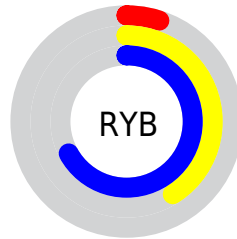
The Hex color **0EAC81** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC0E39**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60E4B6**, and **007650** is the 20% darker color. If you saturate the color by 10%, you get **00AC7D**, and if you desaturate by 10%, it is **1FAC86**.

# Distribution



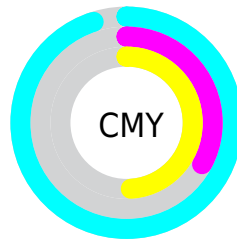
- Red (5%)
- Green (67%)
- Blue (51%)



- Red (5%)
- Yellow (41%)
- Blue (67%)



- Cyan (92%)
- Magenta (0%)
- Yellow (25%)
- Black (33%)



- Cyan (95%)
- Magenta (33%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0EAC81 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 0EAC81 by changing the saturation by 10% instead.



 0EAC81

 0EAC81

FFFFFF

 009168

 60E4B6

 007650

 7EFFF2

 005D39

 9CFFEE

 004423

 BAF8FF

 002E0E

 D8FFFF

 001100

 F6FFFF

 000000

 0EAC81

 0EAC81

 00AC7D

 1FAC86

 30AC8A

 42AC8F

 53AC94

 64AC98

 75AC9D

 86ACA2

 98ACA6

 A9ACAB

# Harmonies

## Analogous

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



69A659



0EAC81



00ADAE

# Triad

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



0EAC81



7894EB



DE7E5B

# Complementary

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



0EAC81



AC0E39

# 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.



E97382



0EAC81



B883D4

# Square

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



0EAC81



00A2EB



DD75AE



C28E42

# Rectangle

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



0EAC81



00ACC9



DD75AE



E47967



# Sweetspot

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



0EAC81



A2E0CF



3BAC0E



4A7066



F0F0F0



707070



# Same Dimension

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



0EAC81



00E0A3



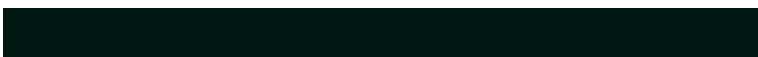
0E8AAC



4E5754



00966E



001711



# Inverse Universe

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



AC0E39



E0003D



AC300E



574E50



960029

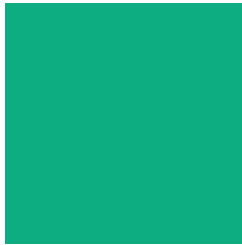


170006



# Previews

## White Background



This preview shows how the Hex color 0EAC81 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 0EAC81 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 0EAC81 Background



This preview shows how black text looks on a background with the Hex color 0EAC81.

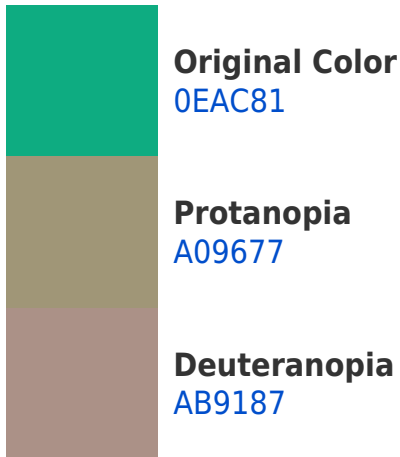


This preview shows how white text looks on a background with the Hex color 0EAC81.

# 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**  
38A5B3

# Trichromacy



**Original Color**  
0EAC81



**Protanomaly**  
6B9E7B



**Deuteranomaly**  
729B85



**Tritanomaly**  
29A8A1

# Monochromacy



**Original Color**  
0EAC81



**Achromatopsia**  
787878



**Achromatomaly**  
518B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0EAC81 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 #0EAC81 looks like.

```
.text, #text, p{  
    color:#0EAC81  
}
```

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 #0EAC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EAC81
}
```

## Border

The CSS property to change the border of an element to Hex 0EAC81 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
#0EAC81 }
```

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

```
.border{ border-color:#0EAC81 }
```

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

Here you see how a box with a 4 pixel #0EAC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EAC81; -webkit-box-shadow:4px 4px  
4px 4px #0EAC81; box-shadow:4px 4px 4px  
4px #0EAC81 }
```

# Background

The CSS property to change the background color of an element to Hex 0EAC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EAC81 }
```

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

```
.background{ background-color:#0EAC81 }
```

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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