

Converting Colors

Hex(0AC87C)

Have a look what the booklet for
Hex(0AC87C) contains.

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Color

Hex(0AC87C)

Conversions

Conversions Part 1

Format	Color
Hex	0AC87C
RGB	10, 200, 124
RGB Percent	4%, 78%, 49%
CMY	0.9608, 0.2157, 0.5137
CMYK	0.95, 0.00, 0.38, 0.22
HSL	156°, 90%, 41%
HSV	156°, 95%, 78%
XYZ	24.4175, 42.8283, 26.0485
YIQ	134.5260, -88.8440, -63.9160

Conversions

Conversions Part 2

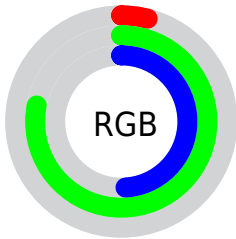
Format	Color
RYB	10, 129, 200
Decimal	706684
CIELab	71.44, -59.04, 26.60
CIELCh	71, 64.753, 155.747
Yxy	42.8283, 0.2617, 0.4591
Android (android.graphics.Color)	4278896764 (0xFF0AC87C)
YUV	134.5260, -5.1893, -109.2093
Hunter-Lab	65.4433, -47.9258, 22.2110

Details

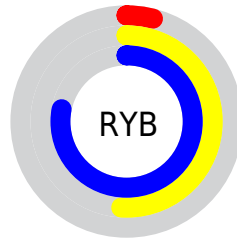
The Hex color **0AC87C** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C80A56**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **66FFB1**, and **00914A** is the 20% darker color. If you saturate the color by 10%, you get **00C878**, and if you desaturate by 10%, it is **1EC884**.

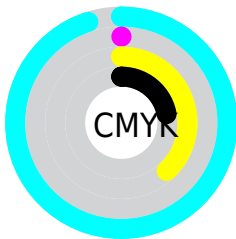
Distribution



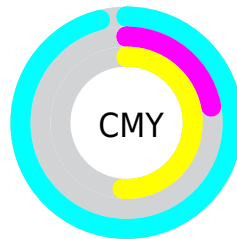
- Red (4%)
- Green (78%)
- Blue (49%)



- Red (4%)
- Yellow (51%)
- Blue (78%)



- Cyan (95%)
- Magenta (0%)
- Yellow (38%)
- Black (22%)



- Cyan (96%)
- Magenta (22%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AC87C 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 0AC87C by changing the saturation by 10% instead.

 0AC87C

 0AC87C

FFFFFF

 00AC63

 66FFB1

 00914A

 86FFCD

 007633

 A5FFE9

 005C1C

 C4FFFF

 004304

 E2FFFF

 002C00

 000A00

 000000

 0AC87C

 0AC87C

■ 00C878

■ 1EC884

■ 32C88C

■ 46C894

■ 5AC89C

■ 6EC8A4

■ 82C8AC

■ 96C8B4

■ AAC8BC

■ BEC8C4

Harmonies

Analogous

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



86BF48



0AC87C



00CCB9

Triad

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



0AC87C



42B2FF



FF836D

Complementary

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



0AC87C



C80A56

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.



FF78A6



0AC87C



C09AFF

Square

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



0AC87C



00C2FF



FF82E1



F49A40

Rectangle

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



0AC87C



00CBE1



FF82E1



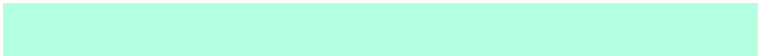
FF7D7F

Sweetspot

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



0AC87C



B5FFE1



56C80A



53806E



000000



808080

Same Dimension

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



0AC87C



00FF99



0AB5C8



5A635F



00A362



002415

Inverse Universe

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



C80A56



FF0066



C81D0A



635A5D



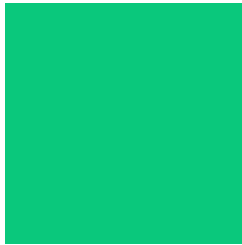
A30041



24000E

Previews

White Background



This preview shows how the Hex color 0AC87C 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 0AC87C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

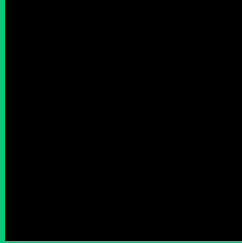
Any Text WCAG AA ✓ Pass

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 0AC87C Background



This preview shows how black text looks on a background with the Hex color 0AC87C.

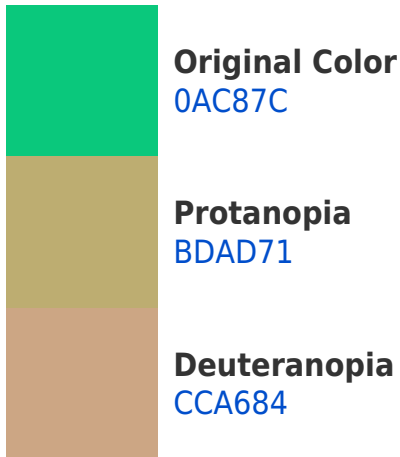


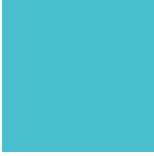
This preview shows how white text looks on a background with the Hex color 0AC87C.

Color Blindness Simulation

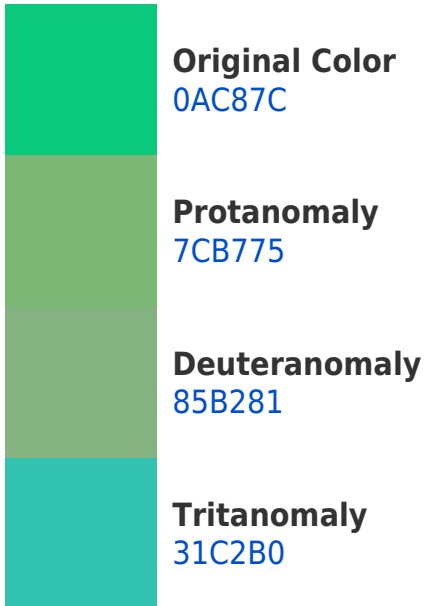
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0AC87C 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 #0AC87C looks like.

```
.text, #text, p{  
    color:#0AC87C  
}
```

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 #0AC87C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AC87C  
}
```

Border

The CSS property to change the border of an element to Hex 0AC87C 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  
#0AC87C }
```

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

```
.border{ border-color:#0AC87C }
```

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

Here you see how a box with a 4 pixel #0AC87C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AC87C; -webkit-box-shadow:4px 4px  
4px 4px #0AC87C; box-shadow:4px 4px 4px  
4px #0AC87C }
```

Background

The CSS property to change the background color of an element to Hex 0AC87C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AC87C }
```

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

```
.background{ background-color:#0AC87C }
```

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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