

Converting Colors

Hex(0BA679)

Have a look what the booklet for
Hex(0BA679) contains.

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Color

Hex(0BA679)

Conversions

Conversions Part 1

Format	Color
Hex	0BA679
RGB	11, 166, 121
RGB Percent	4%, 65%, 47%
CMY	0.9569, 0.3490, 0.5255
CMYK	0.93, 0.00, 0.27, 0.35
HSL	163°, 88%, 35%
HSV	163°, 93%, 65%
XYZ	17.2254, 28.7241, 22.7256
YIQ	114.5250, -77.9350, -46.8550

Conversions

Conversions Part 2

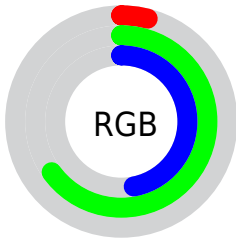
Format	Color
RYB	11, 102, 166
Decimal	763513
CIELab	60.54, -46.95, 13.33
CIELCh	61, 48.804, 164.155
Yxy	28.7241, 0.2508, 0.4183
Android (android.graphics.Color)	4278953593 (0xFF0BA679)
YUV	114.5250, 3.1922, -90.7914
Hunter-Lab	53.5948, -36.4209, 12.3759

Details

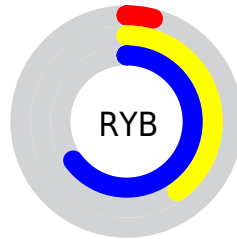
The Hex color **0BA679** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A60B38**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DDEAD**, and **007148** is the 20% darker color. If you saturate the color by 10%, you get **00A676**, and if you desaturate by 10%, it is **1CA67E**.

Distribution



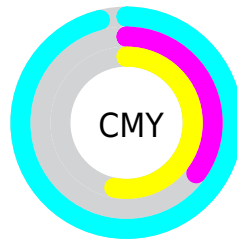
- Red (4%)
- Green (65%)
- Blue (47%)



- Red (4%)
- Yellow (40%)
- Blue (65%)



- Cyan (93%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)



- Cyan (96%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA679 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 0BA679 by changing the saturation by 10% instead.



0BA679



0BA679

FFFFFF



008B60



5DDEAD



007148



7CFBC9



005732



99FFE5



003F1C



B7FFFF



002904



D5FFFF



000400



F3FFFF



000000



0BA679



0BA679



00A676



1CA67E

 2CA683

 3DA687

 4DA68C

 5EA691

 6FA696

 7FA69B

 90A6A0

 A0A6A4

Harmonies

Analogous

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



67A052



0BA679



00A8A6

Triad

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



0BA679



6D90E5



D97758

Complementary

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



0BA679



A60B38

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.



E26D7F



0BA679



AF7ED0

Square

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



0BA679



009DE4



D670AB



BE883D

Rectangle

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



0BA679



00A6C1



D670AB



DE7364

Sweetspot

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



0BA679



9CD9C7



3AA60B



486E63



EDEDED



6E6E6E

Same Dimension

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



0BA679



00D99A



0B87A6



4C5452



009469



00140E

Inverse Universe

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



A60B38



D9003F



A62A0B



544C4E



94002B



140006

Previews

White Background



This preview shows how the Hex color 0BA679 looks on a white background.

Color Contrast Check

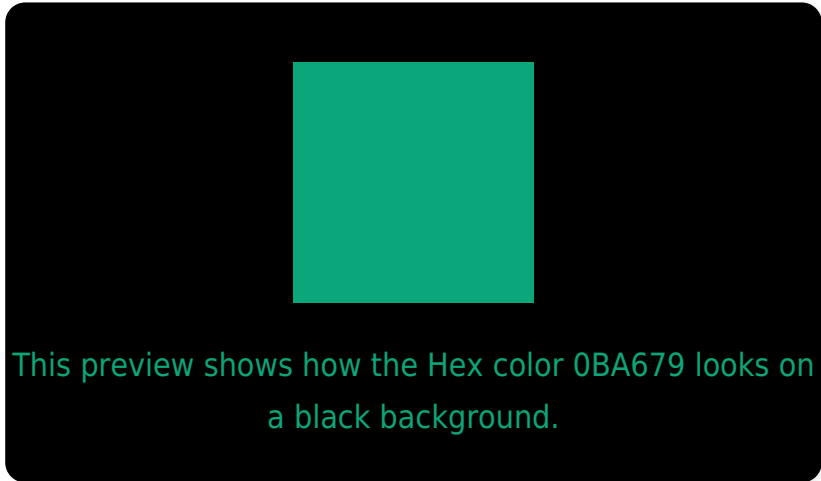
Large Text (above 18pt) WCAG AA ✓ Pass

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

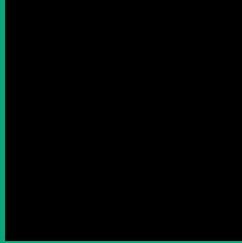
Any Text WCAG AA ✓ Pass

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 0BA679 Background



This preview shows how black text looks on a background with the Hex color 0BA679.

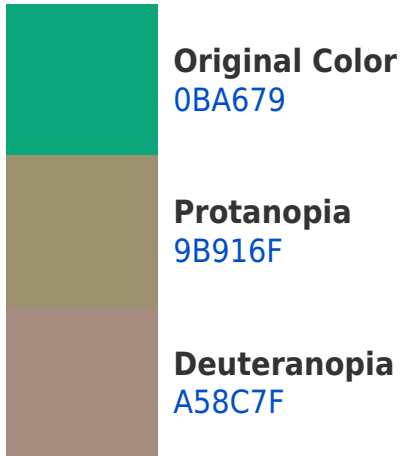


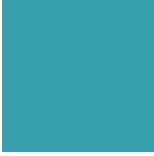
This preview shows how white text looks on a background with the Hex color 0BA679.

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



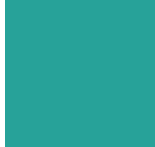
Original Color
0BA679



Protanomaly
679973



Deuteranomaly
6D957D



Tritanomaly
27A299

Monochromacy



Original Color
0BA679



Achromatopsia
737373



Achromatomaly
4D8675

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA679 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 #0BA679 looks like.

```
.text, #text, p{  
    color:#0BA679  
}
```

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 #0BA679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA679
}
```

Border

The CSS property to change the border of an element to Hex 0BA679 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
#0BA679 }
```

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

```
.border{ border-color:#0BA679 }
```

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

Here you see how a box with a 4 pixel #0BA679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA679; -webkit-box-shadow:4px 4px  
4px 4px #0BA679; box-shadow:4px 4px 4px  
4px #0BA679 }
```

Background

The CSS property to change the background color of an element to Hex 0BA679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA679 }
```

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

```
.background{ background-color:#0BA679 }
```

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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