

Converting Colors

Hex(0BA167)

Have a look what the booklet for
Hex(0BA167) contains.

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Color

Hex(0BA167)

Conversions

Conversions Part 1

Format	Color
Hex	0BA167
RGB	11, 161, 103
RGB Percent	4%, 63%, 40%
CMY	0.9569, 0.3686, 0.5961
CMYK	0.93, 0.00, 0.36, 0.37
HSL	157°, 87%, 34%
HSV	157°, 93%, 63%
XYZ	15.3311, 26.5402, 17.1467
YIQ	109.5380, -70.7820, -49.8380

Conversions

Conversions Part 2

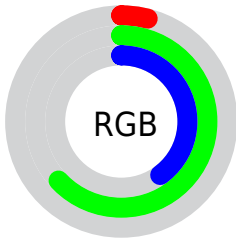
Format	Color
R_{YB}	11, 104, 161
Decimal	762215
CIE _{Lab}	58.55, -49.15, 20.52
CIE _{LCh}	59, 53.259, 157.333
Yxy	26.5402, 0.2598, 0.4497
Android (android.graphics.Color)	4278952295 (0xFF0BA167)
YUV	109.5380, -3.2232, -86.4178
Hunter-Lab	51.5171, -37.0349, 16.3282

Details

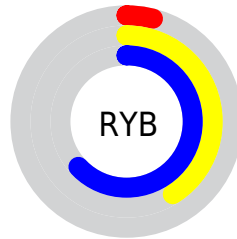
The Hex color **0BA167** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A10B45**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BD99A**, and **006C37** is the 20% darker color. If you saturate the color by 10%, you get **00A163**, and if you desaturate by 10%, it is **1BA16D**.

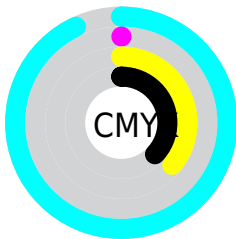
Distribution



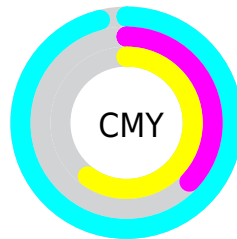
- Red (4%)
- Green (63%)
- Blue (40%)



- Red (4%)
- Yellow (41%)
- Blue (63%)



- Cyan (93%)
- Magenta (0%)
- Yellow (36%)
- Black (37%)



- Cyan (96%)
- Magenta (37%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BA167 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 0BA167 by changing the saturation by 10% instead.

 0BA167

 0BA167

FFFFFF

 00864F

 5BD99A

 006C37

 79F6B5

 005321

 97FFD1

 003A0B

 B4FFED

 002400

 D2FFFF

 000000

 F0FFFF

 0BA167

 0BA167

 00A163

 1BA16D

 2BA173

 3BA17A

 4BA180

 5CA186

 6CA18C

 7CA193

 8CA199

 9CA19F

Harmonies

Analogous

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



6A9A3E



0BA167



00A497

Triad

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



0BA167



448EEA



DC6C57

Complementary

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



0BA167



A10B45

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.



E26283



0BA167



9E7CD7

Square

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



0BA167



009BE2



CE69B2



C27D34

Rectangle

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



0BA167



00A3B6



CE69B2



E16765

Sweetspot

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



0BA167



97D1BA



47A10B



45695B



E8E8E8



696969

Same Dimension

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



0BA167



00D180



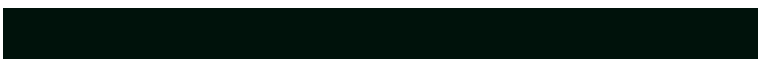
0B92A1



49524E



009159



00120B

Inverse Universe

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



A10B45



D10051



A11A0B



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 0BA167 looks on a white background.

Color Contrast Check

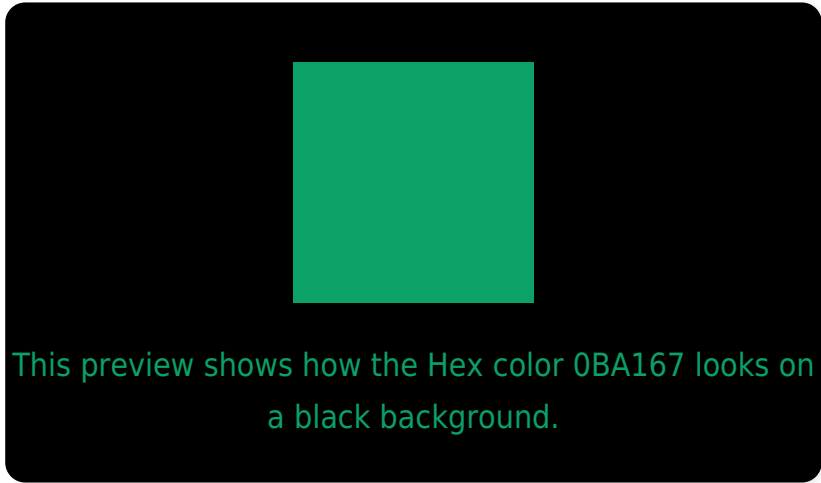
Large Text (above 18pt) WCAG AA ✓ Pass

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

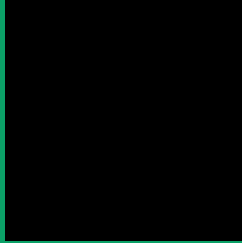
Any Text WCAG AA ✓ Pass

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 0BA167 Background



This preview shows how black text looks on a background with the Hex color 0BA167.

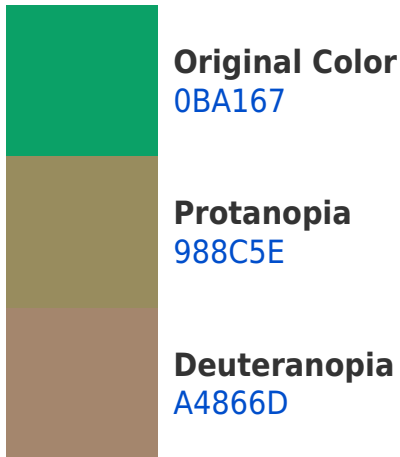


This preview shows how white text looks on a background with the Hex color 0BA167.

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
3A99A6

Trichromacy



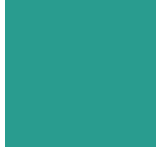
Original Color
0BA167



Protanomaly
659461



Deuteranomaly
6C906B



Tritanomaly
299C8F

Monochromacy



Original Color
0BA167



Achromatopsia
6E6E6E



Achromatomaly
4A816B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BA167 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 #0BA167 looks like.

```
.text, #text, p{  
    color:#0BA167  
}
```

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 #0BA167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BA167
}
```

Border

The CSS property to change the border of an element to Hex 0BA167 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
#0BA167 }
```

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

```
.border{ border-color:#0BA167 }
```

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

Here you see how a box with a 4 pixel #0BA167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BA167; -webkit-box-shadow:4px 4px  
4px 4px #0BA167; box-shadow:4px 4px 4px  
4px #0BA167 }
```

Background

The CSS property to change the background color of an element to Hex 0BA167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BA167 }
```

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

```
.background{ background-color:#0BA167 }
```

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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