

# Converting Colors

Hex(0B8675)

Have a look what the booklet for  
Hex(0B8675) contains.

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# Color

**Hex(0B8675)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0B8675
RGB	11, 134, 117
RGB Percent	4%, 53%, 46%
CMY	0.9569, 0.4745, 0.5412
CMYK	0.92, 0.00, 0.13, 0.47
HSL	172°, 85%, 28%
HSV	172°, 92%, 53%
XYZ	11.8740, 18.4057, 19.7565
YIQ	95.2850, -67.8510, -31.3630

# Conversions

## Conversions Part 2

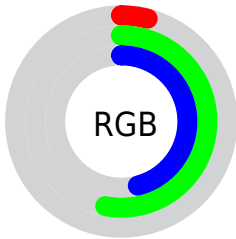
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 77, 134
Decimal	755317
CIELab	49.98, -34.46, 0.54
CIElCh	50, 34.469, 179.102
Yxy	18.4057, 0.2373, 0.3678
Android (android.graphics.Color)	4278945397 (0xFF0B8675)
YUV	95.2850, 10.7055, -73.9179
Hunter-Lab	42.9019, -25.6746, 2.7281

# Details

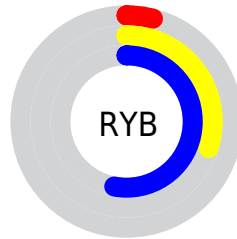
The Hex color **0B8675** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **860B1C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **55BCA9**, and **005345** is the 20% darker color. If you saturate the color by 10%, you get **008673**, and if you desaturate by 10%, it is **188677**.

# Distribution



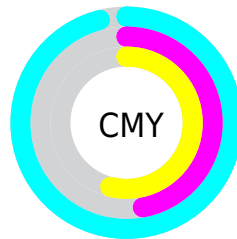
- Red (4%)
- Green (53%)
- Blue (46%)



- Red (4%)
- Yellow (30%)
- Blue (53%)



- Cyan (92%)
- Magenta (0%)
- Yellow (13%)
- Black (47%)



- Cyan (96%)
- Magenta (47%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B8675 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 0B8675 by changing the saturation by 10% instead.



 0B8675

 0B8675

FFFFFF

 006C5C

 55BCA9

 005345

 72D8C4

 003B2F

 8FF5E0

 00261A

 ACFFFD

 000000

 C9FFF

 E6FFF

 0B8675

 0B8675

 008673

 188677

■ 268679

■ 33867B

■ 41867C

■ 4E867E

■ 5B8680

■ 698682

■ 768684

■ 848686

# Harmonies

## Analogous

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



488358



0B8675



008692

# Triad

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



0B8675



7870AA



A16A45

# Complementary

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



0B8675



860B1C

# 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.



AE625C



0B8675



9B6595

# Square

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



0B8675



457AB1



AC5F79



8A753B

# Rectangle

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



0B8675



0083A2



AC5F79



A7674C



# Sweetspot

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



0B8675



7DADA7



1D860B



395753



D6D6D6



575757



# Same Dimension

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



0B8675



00AD95



0B5B86



3C4241



008270



000302



# Inverse Universe

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



860B1C



AD0018



86360B



423C3D



820012



030000



# Previews

## White Background



This preview shows how the Hex color 0B8675 looks on a white background.

## Color Contrast Check

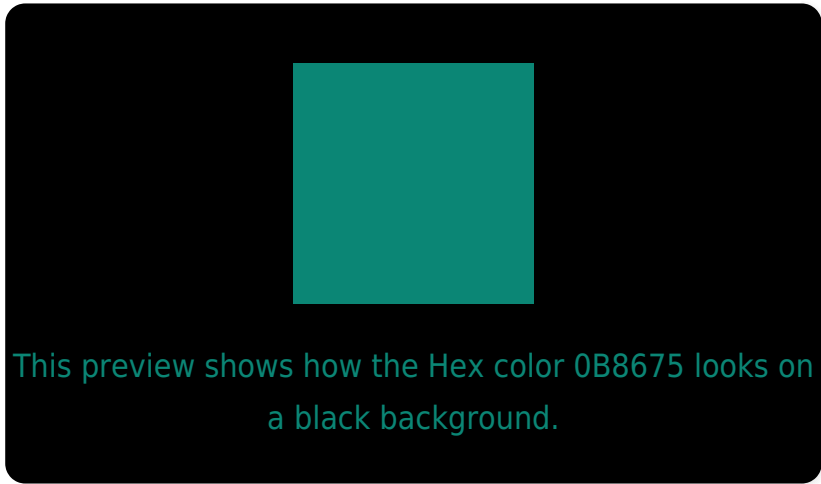
Large Text (above 18pt) WCAG AA ✓ Pass

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

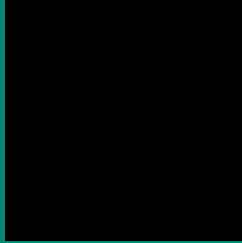
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0B8675 Background



This preview shows how black text looks on a background with the Hex color 0B8675.

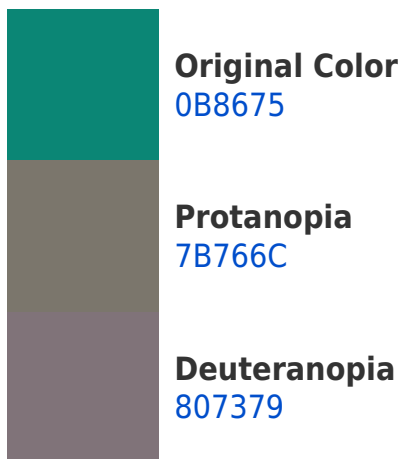


This preview shows how white text looks on a background with the Hex color 0B8675.

# 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](#).

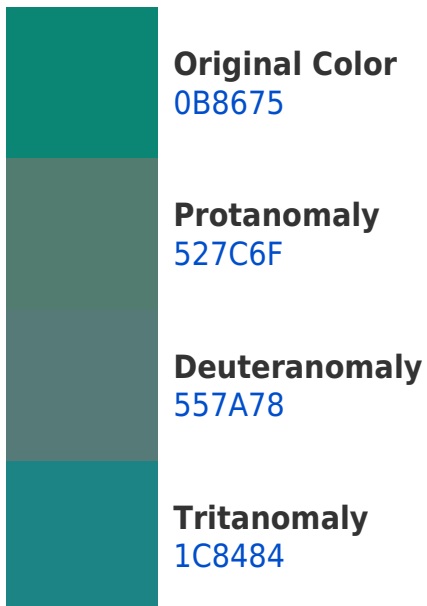
## Dichromacy



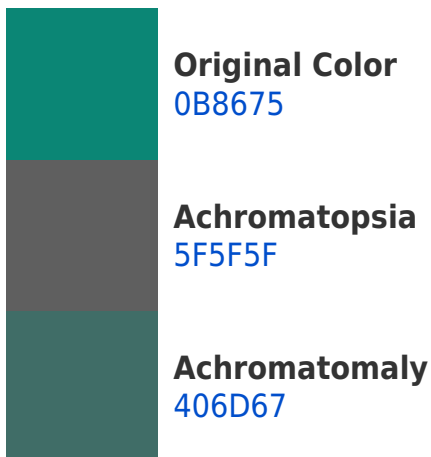


**Tritanopia**  
25838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B8675 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 #0B8675 looks like.

```
.text, #text, p{  
    color:#0B8675  
}
```

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 #0B8675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8675
}
```

## Border

The CSS property to change the border of an element to Hex 0B8675 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
#0B8675 }
```

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

```
.border{ border-color:#0B8675 }
```

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

Here you see how a box with a 4 pixel #0B8675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8675; -webkit-box-shadow:4px 4px  
4px 4px #0B8675; box-shadow:4px 4px 4px  
4px #0B8675 }
```

# Background

The CSS property to change the background color of an element to Hex 0B8675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8675 }
```

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

```
.background{ background-color:#0B8675 }
```

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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