

# Converting Colors

Hex(03B682)

Have a look what the booklet for  
Hex(03B682) contains.

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# Color

Hex(03B682)

# Conversions

## Conversions Part 1

Format	Color
Hex	03B682
RGB	3, 182, 130
RGB Percent	1%, 71%, 51%
CMY	0.9882, 0.2863, 0.4902
CMYK	0.98, 0.00, 0.29, 0.29
HSL	163°, 97%, 36%
HSV	163°, 98%, 71%
XYZ	20.7948, 35.0870, 26.7956
YIQ	122.5510, -89.9920, -54.1200

# Conversions

## Conversions Part 2

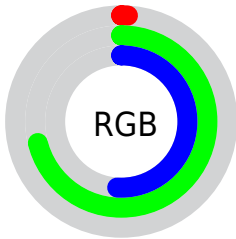
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 108, 182
Decimal	243330
CIE <sub>Lab</sub>	65.82, -51.37, 15.73
CIE <sub>LCh</sub>	66, 53.727, 162.976
Yxy	35.0870, 0.2515, 0.4244
Android (android.graphics.Color)	4278433410 (0xFF03B682)
YUV	122.5510, 3.6724, -104.8462
Hunter-Lab	59.2342, -40.9958, 14.6432

# Details

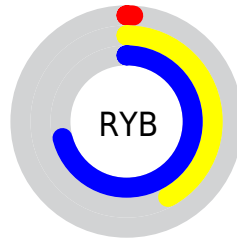
The Hex color **03B682** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B60337**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **60EFB7**, and **008050** is the 20% darker color. If you saturate the color by 10%, you get **00B681**, and if you desaturate by 10%, it is **15B687**.

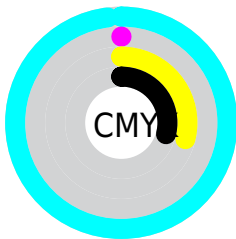
# Distribution



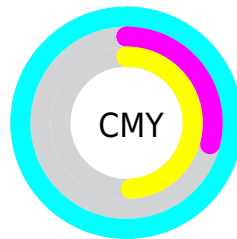
- Red (1%)
- Green (71%)
- Blue (51%)



- Red (1%)
- Yellow (42%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (99%)
- Magenta (29%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03B682 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 03B682 by changing the saturation by 10% instead.



 03B682

 03B682


FFFFFF

 009B69

 60EFB7

 008050

 7FFFD3

 006639

 9EFFEF

 004C23

 BCFFFF

 00350E

 DAFFFF

 001D00

 F9FFFF

 000000

 03B682

 03B682

 00B681

 15B687

 27B68D

 3AB692

 4CB697

 5EB69C

 70B6A2

 82B6A7

 95B6AC

 A7B6B2

# Harmonies

## Analogous

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



72B056



03B682



00B8B4

# Triad

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



03B682



719EFE



EF8160

# Complementary

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



03B682



B60337

# 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.



FA768D



03B682



BE8BE7

# Square

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



03B682



00ADFC



EA7ABD



D29341

# Rectangle

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



03B682



00B7D3



EA7ABD



F57C6E



# Sweetspot

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



03B682



A6EDD8



39B603



4D786B



F7F7F7



787878



# Same Dimension

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



03B682



00EDA8



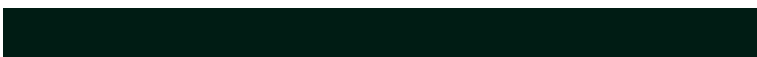
0392B6



535C59



009C6E



001C14



# Inverse Universe

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



B60337



ED0045



B62703



5C5355



9C002D



1C0008



# Previews

## White Background



This preview shows how the Hex color 03B682 looks on a white background.

## Color Contrast Check

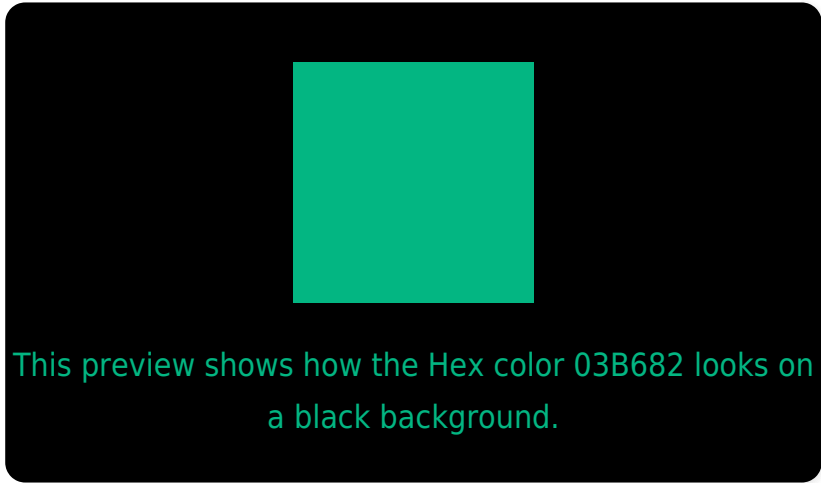
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 03B682 Background



This preview shows how black text looks on a background with the Hex color 03B682.

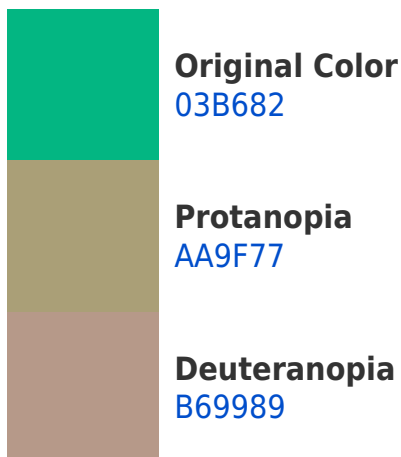


This preview shows how white text looks on a background with the Hex color 03B682.

# 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



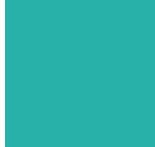
**Original Color**  
03B682



**Protanomaly**  
6DA77B



**Deuteranomaly**  
75A486



**Tritanomaly**  
27B1A8

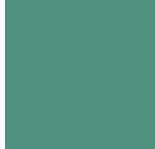
# Monochromacy



**Original Color**  
03B682



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
4F907E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03B682 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 #03B682 looks like.

```
.text, #text, p{  
    color:#03B682  
}
```

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 #03B682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03B682
}
```

## Border

The CSS property to change the border of an element to Hex 03B682 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
#03B682 }
```

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

```
.border{ border-color:#03B682 }
```

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

Here you see how a box with a 4 pixel #03B682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03B682; -webkit-box-shadow:4px 4px  
4px 4px #03B682; box-shadow:4px 4px 4px  
4px #03B682 }
```

# Background

The CSS property to change the background color of an element to Hex 03B682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03B682 }
```

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

```
.background{ background-color:#03B682 }
```

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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