

Converting Colors

Hex(03A677)

Have a look what the booklet for
Hex(03A677) contains.

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Color

Hex(03A677)

Conversions

Conversions Part 1

Format	Color
Hex	03A677
RGB	3, 166, 119
RGB Percent	1%, 65%, 47%
CMY	0.9882, 0.3490, 0.5333
CMYK	0.98, 0.00, 0.28, 0.35
HSL	163°, 96%, 33%
HSV	163°, 98%, 65%
XYZ	17.0035, 28.6237, 22.0815
YIQ	111.9050, -82.0610, -49.1730

Conversions

Conversions Part 2

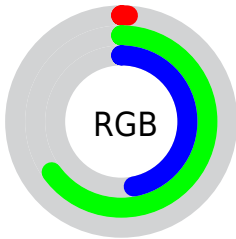
Format	Color
RYB	3, 98, 166
Decimal	239223
CIELab	60.45, -47.79, 14.30
CIELCh	60, 49.880, 163.337
Yxy	28.6237, 0.2511, 0.4227
Android (android.graphics.Color)	4278429303 (0xFF03A677)
YUV	111.9050, 3.4978, -95.5097
Hunter-Lab	53.5011, -36.8967, 12.9800

Details

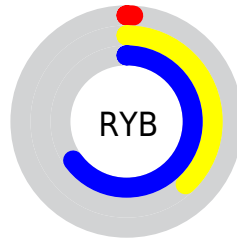
The Hex color **03A677** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A60332**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BDEAB**, and **007146** is the 20% darker color. If you saturate the color by 10%, you get **00A676**, and if you desaturate by 10%, it is **14A67C**.

Distribution



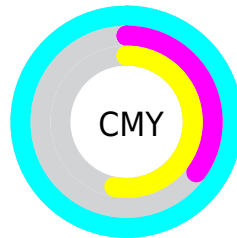
- Red (1%)
- Green (65%)
- Blue (47%)



- Red (1%)
- Yellow (38%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (99%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03A677 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 03A677 by changing the saturation by 10% instead.

 03A677

 03A677

FFFFFF

 008B5E

 5BDEAB

 007146

 7AFBC7

 005730

 98FFE3

 003F1B

 B5FFFF

 002901

 D3FFFF

 000300

 F2FFFF

 000000

 03A677

 03A677

 00A676

 14A67C

 24A681

 35A685

 45A68A

 56A68F

 67A694

 77A699

 88A69D

 98A6A2

Harmonies

Analogous

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



67A04F



03A677



00A8A5

Triad

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



03A677



6890E7



DA7657

Complementary

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



03A677



A60332

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.



E46C80



03A677



AE7ED2

Square

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



03A677



009DE6



D66FAC



BF873B

Rectangle

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



03A677



00A7C1



D66FAC



E07164

Sweetspot

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



03A677



9AD9C7



34A603



476E63



EDEDED



6E6E6E

Same Dimension

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



03A677



00D99A



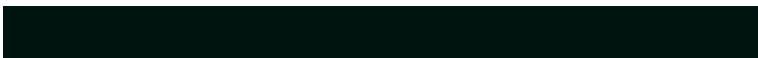
0385A6



4C5452



009469



00140F

Inverse Universe

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



A60332



D9003E



A62403



544C4E



94002B



140006

Previews

White Background



This preview shows how the Hex color 03A677 looks on a white background.

Color Contrast Check

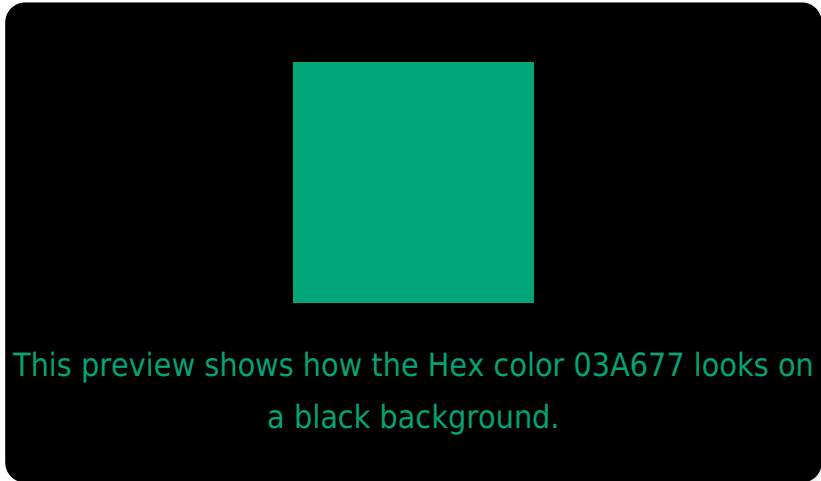
Large Text (above 18pt) WCAG AA ✓ Pass

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

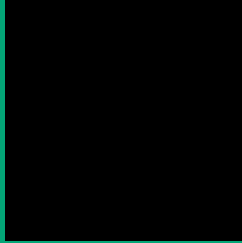
Any Text WCAG AA ✓ Pass

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 03A677 Background



This preview shows how black text looks on a background with the Hex color 03A677.

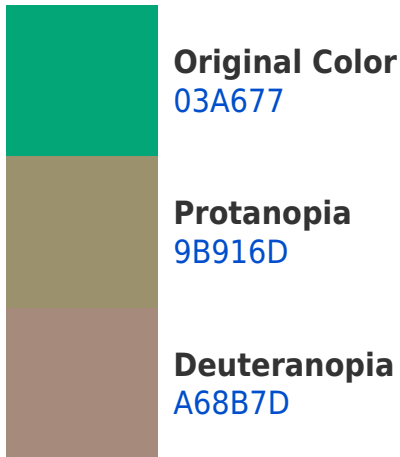


This preview shows how white text looks on a background with the Hex color 03A677.

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



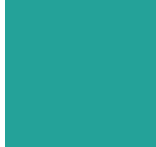
Original Color
03A677



Protanomaly
649971



Deuteranomaly
6B957B



Tritanomaly
24A299

Monochromacy



Original Color
03A677



Achromatopsia
707070



Achromatomaly
488473

CSS Examples

Text

The CSS property to change the color of the text to Hex 03A677 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 #03A677 looks like.

```
.text, #text, p{  
    color:#03A677  
}
```

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 #03A677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03A677  
}
```

Border

The CSS property to change the border of an element to Hex 03A677 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  
#03A677 }
```

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

```
.border{ border-color:#03A677 }
```

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

Here you see how a box with a 4 pixel #03A677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03A677; -webkit-box-shadow:4px 4px  
4px 4px #03A677; box-shadow:4px 4px 4px  
4px #03A677 }
```

Background

The CSS property to change the background color of an element to Hex 03A677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03A677 }
```

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

```
.background{ background-color:#03A677 }
```

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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