

Converting Colors

Hex(05B677)

Have a look what the booklet for
Hex(05B677) contains.

Hex(05B677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(05B677)

Conversions

Conversions Part 1

Format	Color
Hex	05B677
RGB	5, 182, 119
RGB Percent	2%, 71%, 47%
CMY	0.9804, 0.2863, 0.5333
CMYK	0.97, 0.00, 0.35, 0.29
HSL	159°, 95%, 37%
HSV	159°, 97%, 71%
XYZ	20.1203, 34.8201, 23.1133
YIQ	121.8950, -85.2690, -57.1170

Conversions

Conversions Part 2

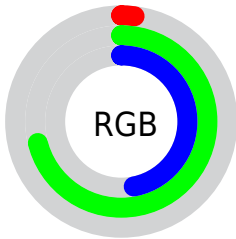
Format	Color
RYB	5, 113, 182
Decimal	374391
CIELab	65.61, -53.77, 21.40
CIELCh	66, 57.871, 158.300
Yxy	34.8201, 0.2578, 0.4461
Android (android.graphics.Color)	4278564471 (0xFF05B677)
YUV	121.8950, -1.4272, -102.5169
Hunter-Lab	59.0085, -42.4013, 18.0825

Details

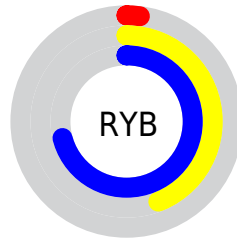
The Hex color **05B677** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B60544**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60EFAC**, and **008046** is the 20% darker color. If you saturate the color by 10%, you get **00B675**, and if you desaturate by 10%, it is **17B67D**.

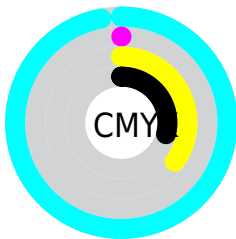
Distribution



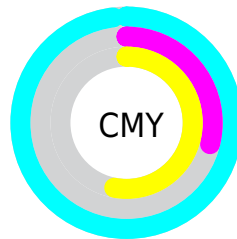
- Red (2%)
- Green (71%)
- Blue (47%)



- Red (2%)
- Yellow (44%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (35%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05B677 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 05B677 by changing the saturation by 10% instead.

 05B677

 05B677

FFFFFF

 009A5E

 60EFAC

 008046

 7FFFC7

 00662F

 9EFFE3

 004C19

 BCFFFF

 003400

 DAFFFF

 001C00


 F9FFFF

 000000

 05B677

 05B677

 00B675

 17B67D

 29B684

 3CB68A

 4EB691

 60B697

 72B69E

 84B6A4

 97B6AB

 A9B6B1

Harmonies

Analogous

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



76AE49



05B677



00B9AD

Triad

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



05B677



54A0FF



F77B62

Complementary

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



05B677



B60544

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.



FE7093



05B677



B58CF1

Square

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



05B677



00AFFF



EA77C7



DA8F3C

Rectangle

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



05B677



00B8CF



EA77C7



FC7671

Sweetspot

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



05B677



A8EDD5



46B605



4E7869



F7F7F7



787878

Same Dimension

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



05B677



00ED99



059EB6



535C59



009C64



001C12

Inverse Universe

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



B60544



ED0054



B61D05



5C5356



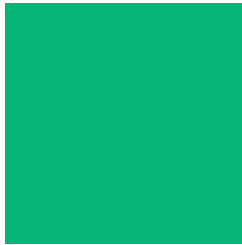
9C0037



1C000A

Previews

White Background



This preview shows how the Hex color 05B677 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



This preview shows how the Hex color 05B677 looks on a 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 05B677 Background



This preview shows how black text looks on a background with the Hex color 05B677.

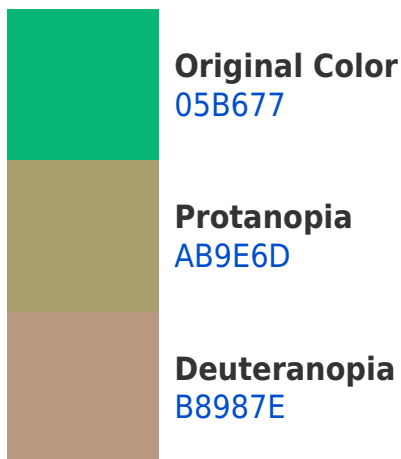


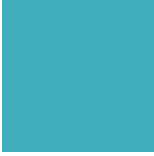
This preview shows how white text looks on a background with the Hex color 05B677.

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
40AEB3

Trichromacy



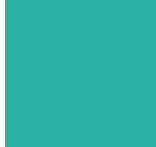
Original Color
05B677



Protanomaly
6FA771



Deuteranomaly
77A37B



Tritanomaly
2BB1A3

Monochromacy



Original Color
05B677



Achromatopsia
7A7A7A



Achromatomaly
4F9079

CSS Examples

Text

The CSS property to change the color of the text to Hex 05B677 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 #05B677 looks like.

```
.text, #text, p{  
    color:#05B677  
}
```

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 #05B677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05B677
}
```

Border

The CSS property to change the border of an element to Hex 05B677 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
#05B677 }
```

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

```
.border{ border-color:#05B677 }
```

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

Here you see how a box with a 4 pixel #05B677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05B677; -webkit-box-shadow:4px 4px  
4px 4px #05B677; box-shadow:4px 4px 4px  
4px #05B677 }
```

Background

The CSS property to change the background color of an element to Hex 05B677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05B677 }
```

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

```
.background{ background-color:#05B677 }
```

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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