

Converting Colors

Hex(00B655)

Have a look what the booklet for
Hex(00B655) contains.

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Color

Hex(00B655)

Conversions

Conversions Part 1

Format	Color
Hex	00B655
RGB	0, 182, 85
RGB Percent	0%, 71%, 33%
CMY	1.0000, 0.2863, 0.6667
CMYK	1.00, 0.00, 0.53, 0.29
HSL	148°, 100%, 36%
HSV	148°, 100%, 71%
XYZ	18.3676, 34.1118, 14.2105
YIQ	116.5240, -77.3350, -68.7510

Conversions

Conversions Part 2

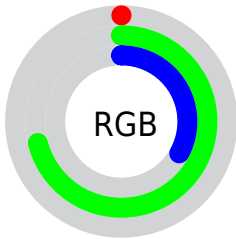
Format	Color
RYB	0, 124, 182
Decimal	46677
CIELab	65.05, -60.29, 38.29
CIELCh	65, 71.420, 147.575
Yxy	34.1118, 0.2754, 0.5115
Android (android.graphics.Color)	4278236757 (0xFF00B655)
YUV	116.5240, -15.5413, -102.1915
Hunter-Lab	58.4053, -46.0735, 26.4580

Details

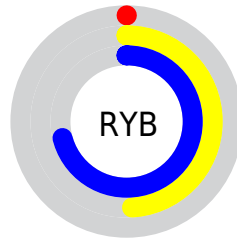
The Hex color **00B655** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B60061**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5FEF89**, and **007F23** is the 20% darker color. If you saturate the color by 10%, you get **00B655**, and if you desaturate by 10%, it is **12B65F**.

Distribution



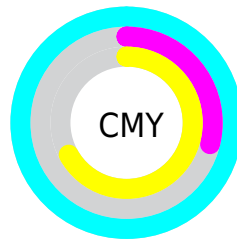
- Red (0%)
- Green (71%)
- Blue (33%)



- Red (0%)
- Yellow (49%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B655 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 00B655 by changing the saturation by 10% instead.

 00B655

 00B655

FFFFFF

 009A3C

 5FEF89

 007F23

 7FFFA4

 006507

 9DFFBF

 004C00

 BCFFDB

 003400

 DAFFF8

 001A00

 F9FFFF

 000000

 00B655

 12B65F

 24B668

 37B672

 49B67C

 5BB686

 6DB68F

 7FB699

 92B6A3

 A4B6AC

Harmonies

Analogous

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



82AB16



00B655



00BB96

Triad

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



00B655



00A7FF



FF6567

Complementary

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



00B655



B60061

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.



FF5CA6



00B655



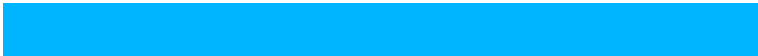
928FFF

Square

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



00B655



00B5FF



E571E3



F17F2E

Rectangle

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



00B655



00BBC3



E571E3



FF5F7B

Sweetspot

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



00B655



A6EDC7



61B600



4D7861



F7F7F7



787878

Same Dimension

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



00B655



00ED6F



00B6B0



535C57



009C49



001C0D

Inverse Universe

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



B60061



ED007E



B60006



5C5358



9C0053



1C000F

Previews

White Background



This preview shows how the Hex color 00B655 looks on a white background.

Color Contrast Check

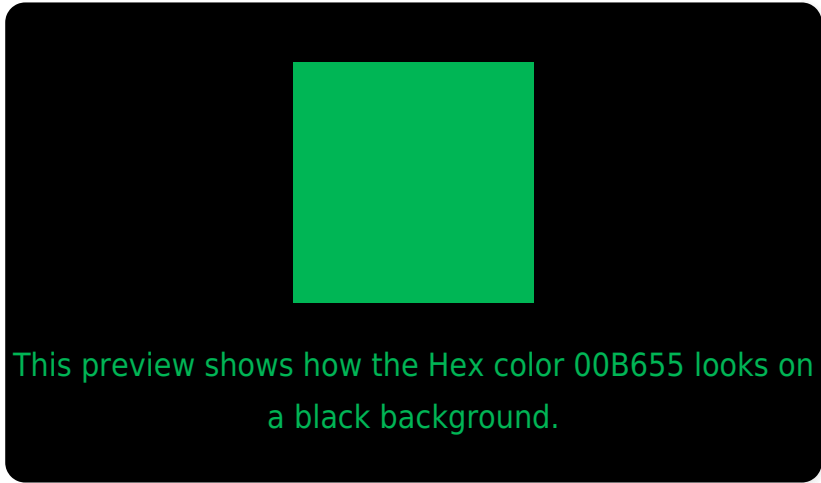
Large Text (above 18pt) WCAG AA × Fail

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 00B655 Background



This preview shows how black text looks on a background with the Hex color 00B655.

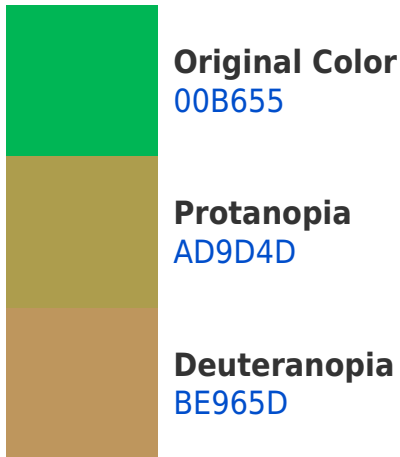


This preview shows how white text looks on a background with the Hex color 00B655.

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
47ABB9

Trichromacy



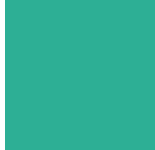
Original Color
00B655



Protanomaly
6EA650



Deuteranomaly
79A25A



Tritanomaly
2DAF95

Monochromacy



Original Color
00B655



Achromatopsia
757575



Achromatomaly
4A8D69

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B655 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 #00B655 looks like.

```
.text, #text, p{  
    color:#00B655  
}
```

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 #00B655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B655
}
```

Border

The CSS property to change the border of an element to Hex 00B655 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
#00B655 }
```

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

```
.border{ border-color:#00B655 }
```

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

Here you see how a box with a 4 pixel #00B655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B655; -webkit-box-shadow:4px 4px  
4px 4px #00B655; box-shadow:4px 4px 4px  
4px #00B655 }
```

Background

The CSS property to change the background color of an element to Hex 00B655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B655 }
```

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

```
.background{ background-color:#00B655 }
```

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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