

Converting Colors

Hex(00B553)

Have a look what the booklet for
Hex(00B553) contains.

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Color

Hex(00B553)

Conversions

Conversions Part 1

Format	Color
Hex	00B553
RGB	0, 181, 83
RGB Percent	0%, 71%, 33%
CMY	1.0000, 0.2902, 0.6745
CMYK	1.00, 0.00, 0.54, 0.29
HSL	148°, 100%, 35%
HSV	148°, 100%, 71%
XYZ	18.0852, 33.6723, 13.7298
YIQ	115.7090, -76.4180, -68.8500

Conversions

Conversions Part 2

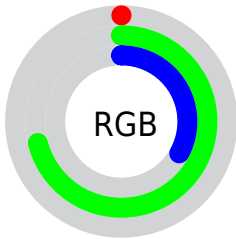
Format	Color
RYB	0, 124, 181
Decimal	46419
CIELab	64.70, -60.27, 38.85
CIELCh	65, 71.704, 147.194
Yxy	33.6723, 0.2762, 0.5142
Android (android.graphics.Color)	4278236499 (0xFF00B553)
YUV	115.7090, -16.1255, -101.4768
Hunter-Lab	58.0278, -45.9166, 26.5910

Details

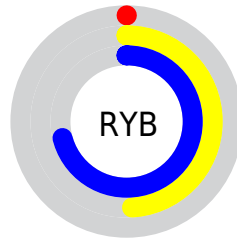
The Hex color **00B553** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B50062**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FEE87**, and **007E21** is the 20% darker color. If you saturate the color by 10%, you get **00B553**, and if you desaturate by 10%, it is **12B55D**.

Distribution



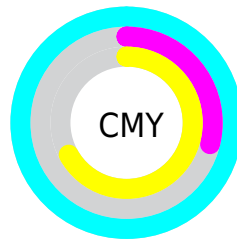
- Red (0%)
- Green (71%)
- Blue (33%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00B553 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 00B553 by changing the saturation by 10% instead.

 00B553

 00B553

FFFFFF

 00993A

 5FEE87

 007E21

 7FFFA1

 006404

 9DFFBD

 004B00

 BBFFD9

 003400

 DAFFF6

 001900

 F8FFFF

 000000

 00B553

 12B55D

 24B567

 36B570

 48B57A

 5BB584

 6DB58E

 7FB598

 91B5A1

 A3B5AB

Harmonies

Analogous

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



82AA12



00B553



00BA95

Triad

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



00B553



00A6FF



FF6366

Complementary

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



00B553



B50062

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.



FF5BA6



00B553



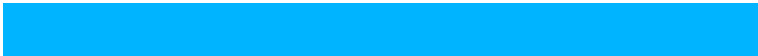
8F8EFF

Square

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



00B553



00B4FF



E470E3



F07E2D

Rectangle

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



00B553



00BBC1



E470E3



FF5D7B

Sweetspot

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



00B553



A4EBC4



64B500



4B755E



F5F5F5



757575

Same Dimension

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



00B553



00EB6C



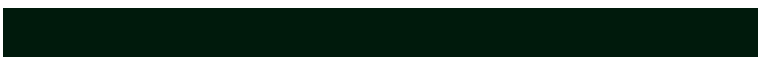
00B5AC



505954



009946



001A0C

Inverse Universe

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



B50062



EB007F



B50009



595055



990053



1A000E

Previews

White Background



This preview shows how the Hex color 00B553 looks on a white background.

Color Contrast Check

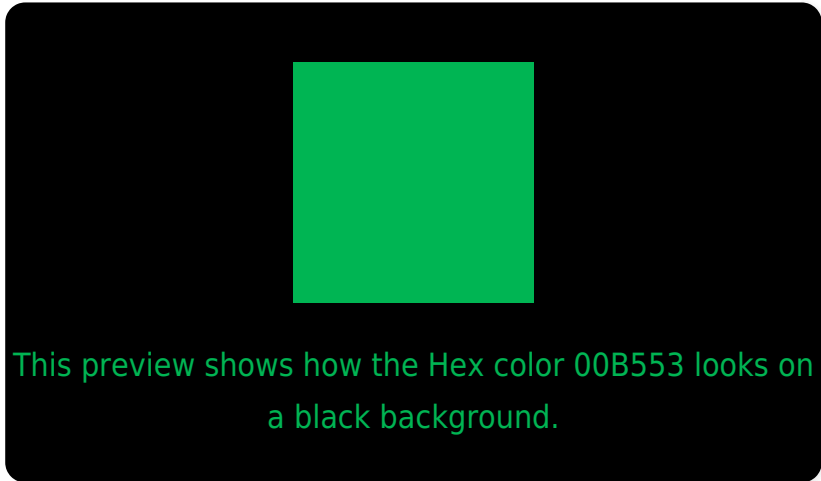
Large Text (above 18pt) WCAG AA × Fail

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 00B553 Background



This preview shows how black text looks on a background with the Hex color 00B553.

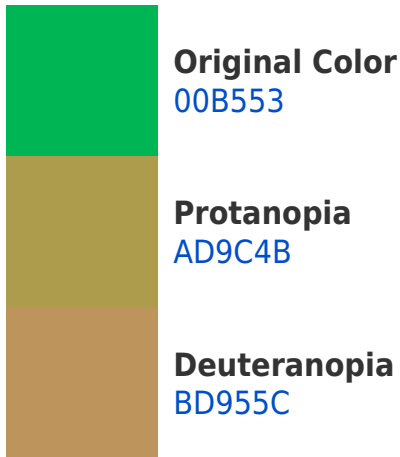


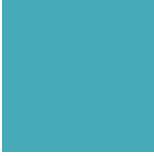
This preview shows how white text looks on a background with the Hex color 00B553.

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
46AAB8

Trichromacy



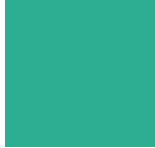
Original Color
00B553



Protanomaly
6EA54E



Deuteranomaly
78A159



Tritanomaly
2DAE93

Monochromacy



Original Color
00B553



Achromatopsia
747474



Achromatomaly
4A8C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B553 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 #00B553 looks like.

```
.text, #text, p{  
    color:#00B553  
}
```

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 #00B553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B553
}
```

Border

The CSS property to change the border of an element to Hex 00B553 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
#00B553 }
```

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

```
.border{ border-color:#00B553 }
```

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

Here you see how a box with a 4 pixel #00B553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B553; -webkit-box-shadow:4px 4px  
4px 4px #00B553; box-shadow:4px 4px 4px  
4px #00B553 }
```

Background

The CSS property to change the background color of an element to Hex 00B553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B553 }
```

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

```
.background{ background-color:#00B553 }
```

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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