

Converting Colors

Hex(00B356)

Have a look what the booklet for
Hex(00B356) contains.

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Color

Hex(00B356)

Conversions

Conversions Part 1

Format	Color
Hex	00B356
RGB	0, 179, 86
RGB Percent	0%, 70%, 34%
CMY	1.0000, 0.2980, 0.6627
CMYK	1.00, 0.00, 0.52, 0.30
HSL	149°, 100%, 35%
HSV	149°, 100%, 70%
XYZ	17.7998, 32.9121, 14.2186
YIQ	114.8770, -76.8310, -66.8710

Conversions

Conversions Part 2

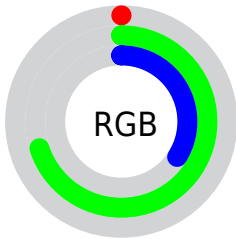
Format	Color
RYB	0, 121, 179
Decimal	45910
CIELab	64.09, -59.15, 36.62
CIELCh	64, 69.568, 148.240
Yxy	32.9121, 0.2741, 0.5069
Android (android.graphics.Color)	4278235990 (0xFF00B356)
YUV	114.8770, -14.2364, -100.7471
Hunter-Lab	57.3691, -45.0129, 25.4636

Details

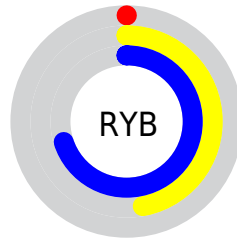
The Hex color **00B356** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B3005D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5FEC8A**, and **007D25** is the 20% darker color. If you saturate the color by 10%, you get **00B356**, and if you desaturate by 10%, it is **12B35F**.

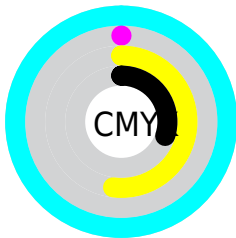
Distribution



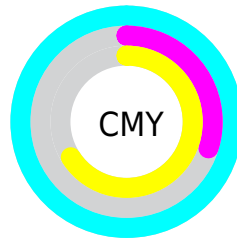
- Red (0%)
- Green (70%)
- Blue (34%)



- Red (0%)
- Yellow (47%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B356 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 00B356 by changing the saturation by 10% instead.

 00B356

 00B356

FFFFFF

 00973D

 5FEC8A

 007D25

 7EFAA4

 00620A

 9CFFC0

 004900

 BAFFDC

 003200

 D9FFF9

 001700

 F7FFFF

 000000

 00B356

 12B35F

 24B369

 36B372

 48B37B

 5AB384

 6BB38E

 7DB397

 8FB3A0

 A1B3AA

Harmonies

Analogous

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



7FA91B



00B356



00B896

Triad

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



00B356



00A4FF



FF6564

Complementary

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



00B356



B3005D

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.



FF5CA2



00B356



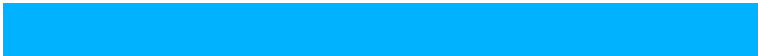
928CFF

Square

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



00B356



00B2FF



E26FDE



EB7E2E

Rectangle

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



00B356



00B8C0



E26FDE



FF5F78

Sweetspot

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



00B356



A2E8C4



5FB300



4B755F



F5F5F5



757575

Same Dimension

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



00B356



00E86F



00B3AD



505955



00994A



001A0C

Inverse Universe

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



B3005D



E80079



B30006



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 00B356 looks on a white background.

Color Contrast Check

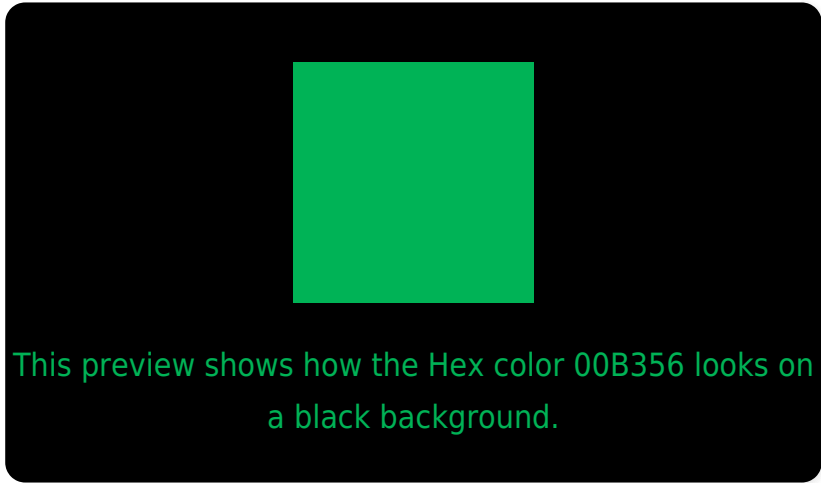
Large Text (above 18pt) WCAG AA × Fail

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 00B356 Background



This preview shows how black text looks on a background with the Hex color 00B356.

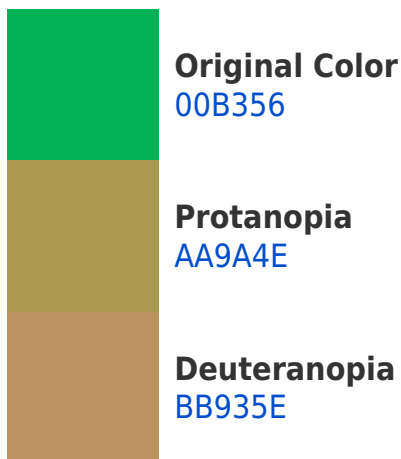


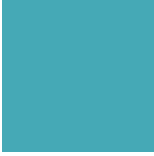
This preview shows how white text looks on a background with the Hex color 00B356.

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
45A9B6

Trichromacy



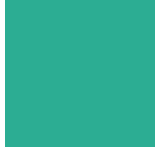
Original Color
00B356



Protanomaly
6CA351



Deuteranomaly
779F5B



Tritanomaly
2CAD93

Monochromacy



Original Color
00B356



Achromatopsia
737373



Achromatomaly
498A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B356 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 #00B356 looks like.

```
.text, #text, p{  
    color:#00B356  
}
```

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 #00B356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B356
}
```

Border

The CSS property to change the border of an element to Hex 00B356 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
#00B356 }
```

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

```
.border{ border-color:#00B356 }
```

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

Here you see how a box with a 4 pixel #00B356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B356; -webkit-box-shadow:4px 4px  
4px 4px #00B356; box-shadow:4px 4px 4px  
4px #00B356 }
```

Background

The CSS property to change the background color of an element to Hex 00B356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B356 }
```

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

```
.background{ background-color:#00B356 }
```

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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