

Converting Colors

Hex(00B86A)

Have a look what the booklet for
Hex(00B86A) contains.

Hex(00B86A)	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(00B86A)

Conversions

Conversions Part 1

Format	Color
Hex	00B86A
RGB	0, 184, 106
RGB Percent	0%, 72%, 42%
CMY	1.0000, 0.2784, 0.5843
CMYK	1.00, 0.00, 0.42, 0.28
HSL	155°, 100%, 36%
HSV	155°, 100%, 72%
XYZ	19.7420, 35.3216, 19.4129
YIQ	120.0920, -84.6260, -63.2660

Conversions

Conversions Part 2

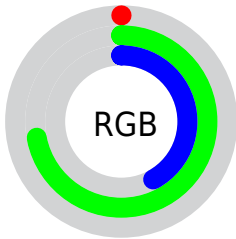
Format	Color
RYB	0, 117, 184
Decimal	47210
CIELab	66.00, -57.33, 28.81
CIElCh	66, 64.162, 153.319
Yxy	35.3216, 0.2651, 0.4743
Android (android.graphics.Color)	4278237290 (0xFF00B86A)
YUV	120.0920, -6.9474, -105.3207
Hunter-Lab	59.4320, -44.7121, 22.2358

Details

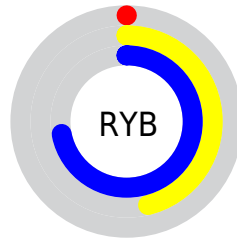
The Hex color **00B86A** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B8004E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60F19E**, and **008139** is the 20% darker color. If you saturate the color by 10%, you get **00B86A**, and if you desaturate by 10%, it is **12B872**.

Distribution



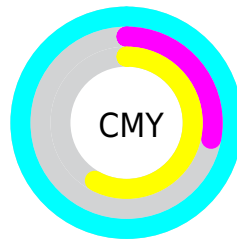
- Red (0%)
- Green (72%)
- Blue (42%)



- Red (0%)
- Yellow (46%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B86A 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 00B86A by changing the saturation by 10% instead.

 00B86A

 00B86A

FFFFFF

 009C51

 60F19E

 008139

 7FFFB9

 006722

 9EFFD5

 004E0A

 BCFFF2

 003600

 DAFFFF

 001D00

 F9FFFF

 000000

 00B86A

 12B872

 25B87A

 37B881

 4AB889

 5CB891

 6EB899

 81B8A1

 93B8A8

 A6B8B0

Harmonies

Analogous

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



7DAF37



00B86A



00BCA5

Triad

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



00B86A



00A5FF



FF7364

Complementary

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



00B86A



B8004E

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.



FF699C



00B86A



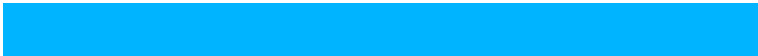
AA8EFF

Square

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



00B86A



00B4FF



EB76D5



E68A36

Rectangle

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



00B86A



00BCCC



EB76D5



FF6E76

Sweetspot

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



00B86A



A8F0D1



50B800



4D7866



F7F7F7



787878

Same Dimension

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



00B86A



00F08A



00ACB8



535C58



009C5A



001C10

Inverse Universe

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



B8004E



F00066



B80C00



5C5357



9C0042



1C000C

Previews

White Background



This preview shows how the Hex color 00B86A 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 00B86A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

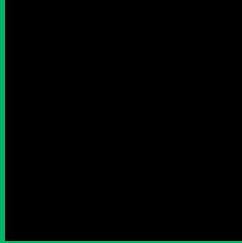
Any Text WCAG AA ✓ Pass

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 00B86A Background



This preview shows how black text looks on a background with the Hex color 00B86A.

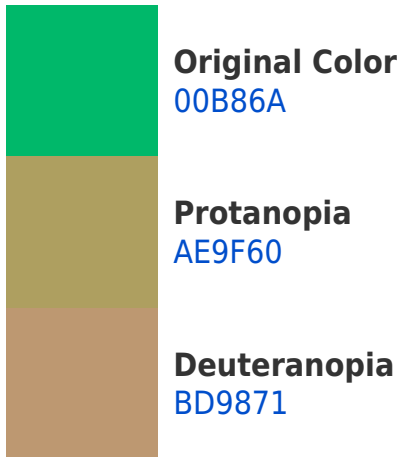


This preview shows how white text looks on a background with the Hex color 00B86A.

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
44AEBD

Trichromacy



Original Color
00B86A



Protanomaly
6FA864



Deuteranomaly
78A46E



Tritanomaly
2BB29F

Monochromacy



Original Color
00B86A



Achromatopsia
787878



Achromatomaly
4C8F73

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B86A 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 #00B86A looks like.

```
.text, #text, p{  
    color:#00B86A  
}
```

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 #00B86A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B86A
}
```

Border

The CSS property to change the border of an element to Hex 00B86A 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
#00B86A }
```

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

```
.border{ border-color:#00B86A }
```

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

Here you see how a box with a 4 pixel #00B86A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B86A; -webkit-box-shadow:4px 4px  
4px 4px #00B86A; box-shadow:4px 4px 4px  
4px #00B86A }
```

Background

The CSS property to change the background color of an element to Hex 00B86A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B86A }
```

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

```
.background{ background-color:#00B86A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor