

Converting Colors

Hex(00B173)

Have a look what the booklet for
Hex(00B173) contains.

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Color

Hex(00B173)

Conversions

Conversions Part 1

Format	Color
Hex	00B173
RGB	0, 177, 115
RGB Percent	0%, 69%, 45%
CMY	1.0000, 0.3059, 0.5490
CMYK	1.00, 0.00, 0.35, 0.31
HSL	159°, 100%, 35%
HSV	159°, 100%, 69%
XYZ	18.8167, 32.6821, 21.5362
YIQ	117.0090, -85.5900, -56.8060

Conversions

Conversions Part 2

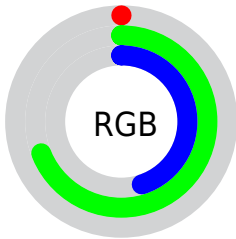
Format	Color
RYB	0, 107, 177
Decimal	45427
CIELab	63.90, -53.00, 21.23
CIELCh	64, 57.094, 158.166
Yxy	32.6821, 0.2576, 0.4475
Android (android.graphics.Color)	4278235507 (0xFF00B173)
YUV	117.0090, -0.9904, -102.6169
Hunter-Lab	57.1682, -41.2920, 17.6823

Details

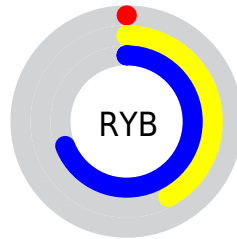
The Hex color **00B173** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B1003E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EEAA7**, and **007B42** is the 20% darker color. If you saturate the color by 10%, you get **00B173**, and if you desaturate by 10%, it is **12B179**.

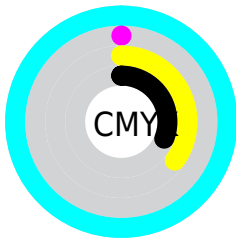
Distribution



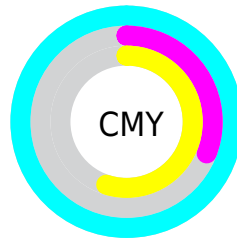
- Red (0%)
- Green (69%)
- Blue (45%)



- Red (0%)
- Yellow (42%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B173 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 00B173 by changing the saturation by 10% instead.

 00B173

 00B173

FFFFFF

 00965A

 5EEAA7

 007B42

 7DFFC3

 00612C

 9BFFDF

 004816

 B9FFFB

 003100

 D7FFFF

 001600

 F6FFFF

 000000

 00B173

 12B179

 23B17F

 35B186

 47B18C

 59B192

 6AB198

 7CB19E

 8EB1A5

 9FB1AB

Harmonies

Analogous

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



73AA46



00B173



00B4A8

Triad

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



00B173



509CFF



F1775E

Complementary

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



00B173



B1003E

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.



F86C8F



00B173



B087EB

Square

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



00B173



00AAF9



E374C2



D48B3A

Rectangle

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



00B173



00B3C9



E374C2



F6726E

Sweetspot

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



00B173



A1E6CD



41B100



497364



F2F2F2



737373

Same Dimension

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



00B173



00E695



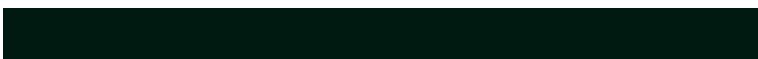
0099B1



505956



009963



001A11

Inverse Universe

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



B1003E



E60050



B11800



595053



990036



1A0009

Previews

White Background



This preview shows how the Hex color 00B173 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 00B173 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 00B173 Background



This preview shows how black text looks on a background with the Hex color 00B173.

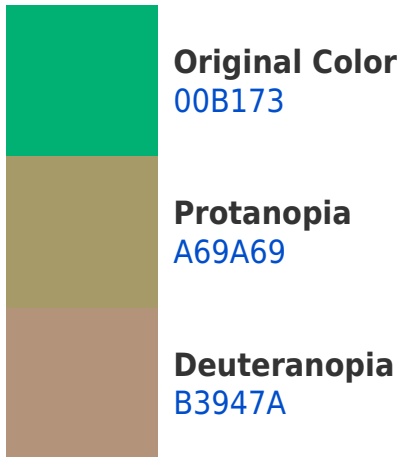


This preview shows how white text looks on a background with the Hex color 00B173.

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
3EA9B6

Trichromacy



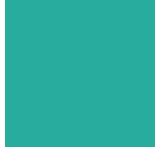
Original Color
00B173



Protanomaly
6AA26D



Deuteranomaly
729F77



Tritanomaly
27AC9E

Monochromacy



Original Color
00B173



Achromatopsia
757575



Achromatomaly
4A8B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B173 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 #00B173 looks like.

```
.text, #text, p{  
    color:#00B173  
}
```

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 #00B173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B173  
}
```

Border

The CSS property to change the border of an element to Hex 00B173 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  
#00B173 }
```

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

```
.border{ border-color:#00B173 }
```

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

Here you see how a box with a 4 pixel #00B173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B173; -webkit-box-shadow:4px 4px  
4px 4px #00B173; box-shadow:4px 4px 4px  
4px #00B173 }
```

Background

The CSS property to change the background color of an element to Hex 00B173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B173 }
```

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

```
.background{ background-color:#00B173 }
```

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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