

Converting Colors

Hex(00B07A)

Have a look what the booklet for
Hex(00B07A) contains.

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Color

Hex(00B07A)

Conversions

Conversions Part 1

Format	Color
Hex	00B07A
RGB	0, 176, 122
RGB Percent	0%, 69%, 48%
CMY	1.0000, 0.3098, 0.5216
CMYK	1.00, 0.00, 0.31, 0.31
HSL	162°, 100%, 35%
HSV	162°, 100%, 69%
XYZ	19.0382, 32.4558, 23.6735
YIQ	117.2200, -87.5620, -54.1060

Conversions

Conversions Part 2

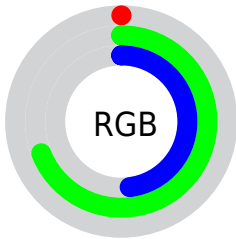
Format	Color
RYB	0, 104, 176
Decimal	45178
CIELab	63.72, -51.06, 17.18
CIELCh	64, 53.875, 161.402
Yxy	32.4558, 0.2533, 0.4318
Android (android.graphics.Color)	4278235258 (0xFF00B07A)
YUV	117.2200, 2.3565, -102.8019
Hunter-Lab	56.9700, -40.0465, 15.2414

Details

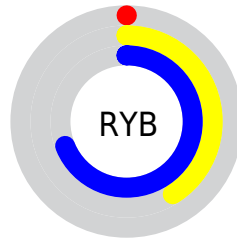
The Hex color **00B07A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B00036**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **5EE9AF**, and **007A49** is the 20% darker color. If you saturate the color by 10%, you get **00B07A**, and if you desaturate by 10%, it is **12B07F**.

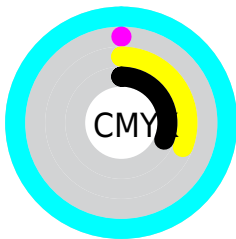
Distribution



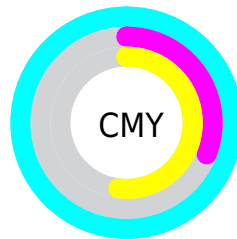
- Red (0%)
- Green (69%)
- Blue (48%)



- Red (0%)
- Yellow (41%)
- Blue (69%)



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



- Cyan (100%)
- Magenta (31%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B07A 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 00B07A by changing the saturation by 10% instead.

 00B07A

 00B07A

FFFFFF

 009561

 5EE9AF

 007A49

 7DFFCA

 006032

 9BFFE6

 00471D

 B9FFFF

 003005

 D7FFFF

 001500

 F5FFFF

 000000

 00B07A

 12B07F

 23B085

 35B08A

 46B090

 58B095

 6AB09A

 7BB0A0

 8DB0A5

 9EB0AB

Harmonies

Analogous

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



6FA94F



00B07A



00B2AC

Triad

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



00B07A



6599F9



EA7B5D

Complementary

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



00B07A



B00036

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.



F3708A



00B07A



B586E3

Square

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



00B07A



00A8F5



E375BA



CE8D3D

Rectangle

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



00B07A



00B1CB



E375BA



F0766B

Sweetspot

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



00B07A



A1E6D0



38B000



497366



F2F2F2



737373

Same Dimension

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



00B07A



00E69F



0090B0



505957



00996A



001A12

Inverse Universe

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



B00036



E60046



B02000



595053



99002F



1A0008

Previews

White Background



This preview shows how the Hex color 00B07A looks on a white background.

Color Contrast Check

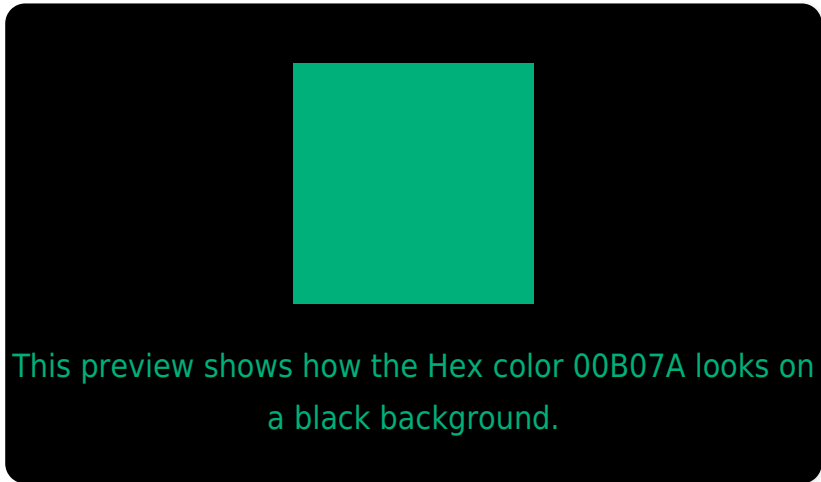
Large Text (above 18pt) WCAG AA × Fail

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

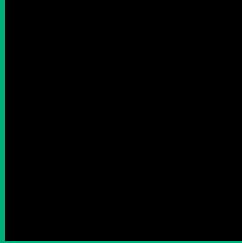
Any Text WCAG AA ✓ Pass

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 00B07A Background



This preview shows how black text looks on a background with the Hex color 00B07A.

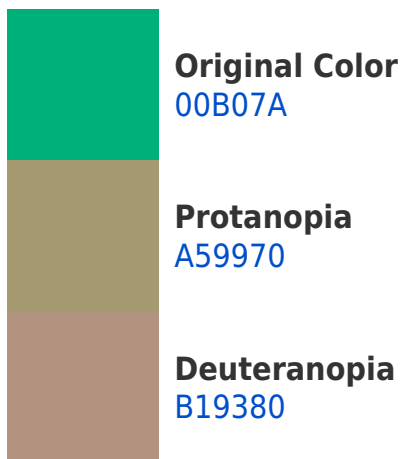


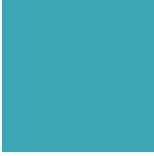
This preview shows how white text looks on a background with the Hex color 00B07A.

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](#).

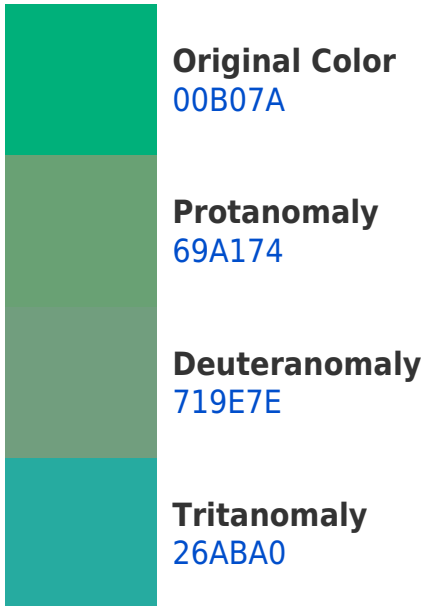
Dichromacy



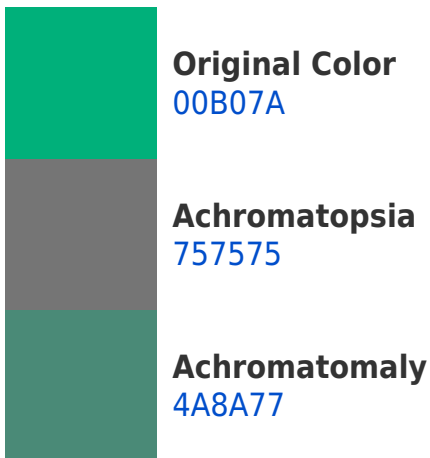


Tritanopia
3CA8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00B07A 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 #00B07A looks like.

```
.text, #text, p{  
    color:#00B07A  
}
```

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 #00B07A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B07A
}
```

Border

The CSS property to change the border of an element to Hex 00B07A 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
#00B07A }
```

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

```
.border{ border-color:#00B07A }
```

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

Here you see how a box with a 4 pixel #00B07A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B07A; -webkit-box-shadow:4px 4px  
4px 4px #00B07A; box-shadow:4px 4px 4px  
4px #00B07A }
```

Background

The CSS property to change the background color of an element to Hex 00B07A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B07A }
```

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

```
.background{ background-color:#00B07A }
```

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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