

# Converting Colors

Hex(00B6A5)

Have a look what the booklet for  
Hex(00B6A5) contains.

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# Color

Hex(00B6A5)

# Conversions

## Conversions Part 1

Format	Color
Hex	00B6A5
RGB	0, 182, 165
RGB Percent	0%, 71%, 65%
CMY	1.0000, 0.2863, 0.3529
CMYK	1.00, 0.00, 0.09, 0.29
HSL	174°, 100%, 36%
HSV	174°, 100%, 71%
XYZ	23.5195, 36.1725, 41.3397
YIQ	125.6440, -103.0150, -43.8710

# Conversions

## Conversions Part 2

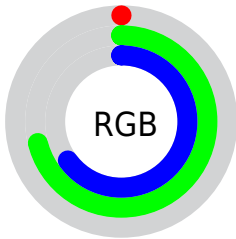
Format	Color
<a href="#">RYB</a>	<a href="#">0, 95, 182</a>
Decimal	<a href="#">46757</a>
CIELab	<a href="#">66.65, -42.35, -2.32</a>
CIELCh	<a href="#">67, 42.414, 183.134</a>
Yxy	<a href="#">36.1725, 0.2328, 0.3580</a>
Android (android.graphics.Color)	<a href="#">4278236837 (0xFF00B6A5)</a>
YUV	<a href="#">125.6440, 19.4025, -110.1898</a>
Hunter-Lab	<a href="#">60.1436, -35.4479, 1.3475</a>

# Details

The Hex color **00B6A5** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B60011**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62EFDC**, and **008071** is the 20% darker color. If you saturate the color by 10%, you get **00B6A5**, and if you desaturate by 10%, it is **12B6A7**.

# Distribution



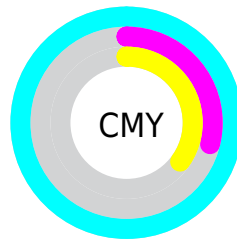
- Red (0%)
- Green (71%)
- Blue (65%)



- Red (0%)
- Yellow (37%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00B6A5 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 00B6A5 by changing the saturation by 10% instead.



 00B6A5

 00B6A5

FFFFFF

 009B8B

 62EFDC

 008071

 82FFF8

 006659

 A1FFFF

 004D42

 BFFFFFF

 00352C

 DEFFF

 002017

 FCFFF

 000000

 00B6A5

 12B6A7

 24B6A8

 37B6AA

 49B6AC

 5BB6AD

 6DB6AF

 7FB6B1

 92B6B3

 A4B6B4

# Harmonies

## Analogous

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



5EB37E



00B6A5



00B5CB

# Triad

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



00B6A5



AB97E2



D6945F

# Complementary

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



00B6A5



B60011

# 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.



E8887A



00B6A5



D589C5

# Square

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



00B6A5



6CA5EE



E983A0



B6A154

# Rectangle

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



00B6A5



00B2DE



E983A0



DE8F66



# Sweetspot

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



00B6A5



A6EDE7



12B600



4D7874



F7F7F7



787878



# Same Dimension

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



00B6A5



00EDD7



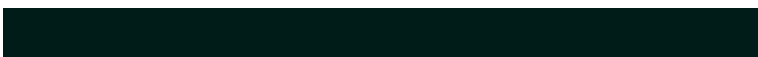
006DB6



535C5B



009C8D



001C19



# Inverse Universe

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



B60011



ED0016



B64900



5C5353



9C000F

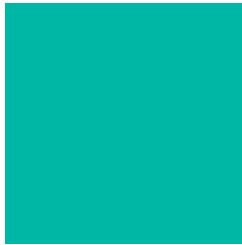


1C0003



# Previews

## White Background



This preview shows how the Hex color 00B6A5 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 00B6A5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

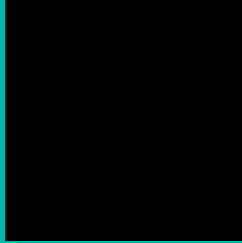
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00B6A5 Background



This preview shows how black text looks on a background with the Hex color 00B6A5.

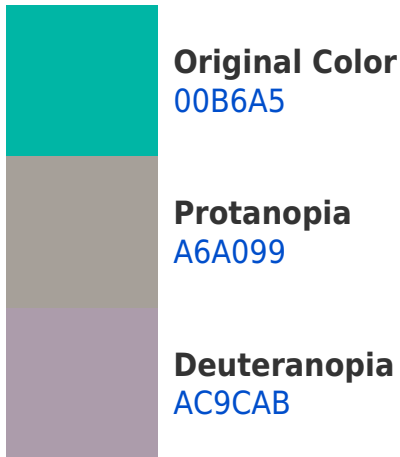


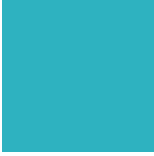
This preview shows how white text looks on a background with the Hex color 00B6A5.

# 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**  
2EB2C0

# Trichromacy



**Original Color**  
00B6A5



**Protanomaly**  
6AA89D



**Deuteranomaly**  
6DA5A9



**Tritanomaly**  
1DB3B6

# Monochromacy



**Original Color**  
00B6A5



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
50928C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00B6A5 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 #00B6A5 looks like.

```
.text, #text, p{  
    color:#00B6A5  
}
```

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 #00B6A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B6A5
}
```

## Border

The CSS property to change the border of an element to Hex 00B6A5 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
#00B6A5 }
```

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

```
.border{ border-color:#00B6A5 }
```

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

Here you see how a box with a 4 pixel #00B6A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B6A5; -webkit-box-shadow:4px 4px  
4px 4px #00B6A5; box-shadow:4px 4px 4px  
4px #00B6A5 }
```

# Background

The CSS property to change the background color of an element to Hex 00B6A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B6A5 }
```

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

```
.background{ background-color:#00B6A5 }
```

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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