

Converting Colors

Hex(00B497)

Have a look what the booklet for
Hex(00B497) contains.

Hex(00B497)	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(00B497)

Conversions

Conversions Part 1

Format	Color
Hex	00B497
RGB	0, 180, 151
RGB Percent	0%, 71%, 59%
CMY	1.0000, 0.2941, 0.4078
CMYK	1.00, 0.00, 0.16, 0.29
HSL	170°, 100%, 35%
HSV	170°, 100%, 71%
XYZ	21.9072, 34.8769, 34.8554
YIQ	122.8740, -97.9710, -47.1790

Conversions

Conversions Part 2

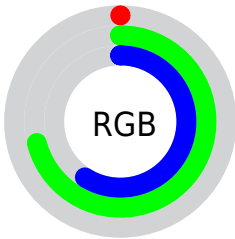
Format	Color
RYB	0, 98, 180
Decimal	46231
CIELab	65.65, -45.39, 3.97
CIELCh	66, 45.561, 175.007
Yxy	34.8769, 0.2391, 0.3806
Android (android.graphics.Color)	4278236311 (0xFF00B497)
YUV	122.8740, 13.8661, -107.7605
Hunter-Lab	59.0567, -37.1342, 6.3465

Details

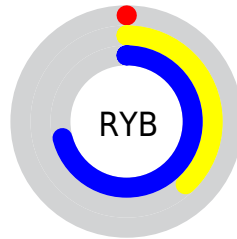
The Hex color **00B497** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B4001D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **60EDCD**, and **007E64** is the 20% darker color. If you saturate the color by 10%, you get **00B497**, and if you desaturate by 10%, it is **12B49A**.

Distribution



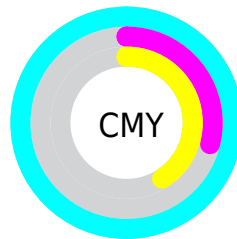
- Red (0%)
- Green (71%)
- Blue (59%)



- Red (0%)
- Yellow (38%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B497 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 00B497 by changing the saturation by 10% instead.

 00B497

 00B497

FFFFFF

 00997D

 60EDCD

 007E64

 80FFE9

 00644C

 9EFFFF

 004B36

 BDFFFF

 003320

 DBFFFF

 001C0A

 FAFFFF

 000000

 00B497

 12B49A

 24B49D

 36B4A0

 48B4A3

 5AB4A5

 6CB4A8

 7EB4AB

 90B4AE

 A2B4B1

Harmonies

Analogous

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



65B06F



00B497



00B4C1

Triad

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



00B497



9897E9



DD8C5E

Complementary

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



00B497



B4001D

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.



EC807F



00B497



CC88CF

Square

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



00B497



48A6F0



E87EA8



BE9B4C

Rectangle

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



00B497



00B2D8



E87EA8



E48767

Sweetspot

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



00B497



A4EBDF



1EB400



4B756E



F5F5F5



757575

Same Dimension

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



00B497



00EBC5



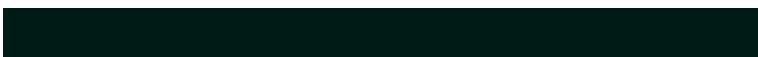
0078B4



505958



009980



001A15

Inverse Universe

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



B4001D



EB0026



B43C00



595052



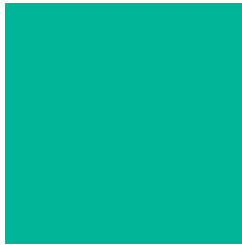
990019



1A0004

Previews

White Background



This preview shows how the Hex color 00B497 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 00B497 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 00B497 Background



This preview shows how black text looks on a background with the Hex color 00B497.

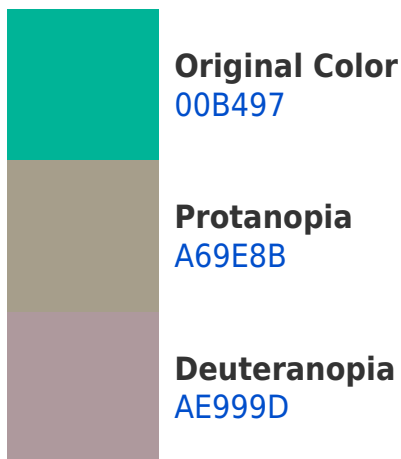


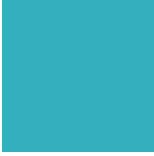
This preview shows how white text looks on a background with the Hex color 00B497.

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
33AFBD

Trichromacy



Original Color
00B497



Protanomaly
6AA68F



Deuteranomaly
6FA39B



Tritanomaly
20B1AF

Monochromacy



Original Color
00B497



Achromatopsia
7B7B7B



Achromatomaly
4E9085

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B497 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 #00B497 looks like.

```
.text, #text, p{  
    color:#00B497  
}
```

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 #00B497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B497
}
```

Border

The CSS property to change the border of an element to Hex 00B497 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
#00B497 }
```

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

```
.border{ border-color:#00B497 }
```

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

Here you see how a box with a 4 pixel #00B497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B497; -webkit-box-shadow:4px 4px  
4px 4px #00B497; box-shadow:4px 4px 4px  
4px #00B497 }
```

Background

The CSS property to change the background color of an element to Hex 00B497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B497 }
```

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

```
.background{ background-color:#00B497 }
```

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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