

Converting Colors

Hex(00B297)

Have a look what the booklet for
Hex(00B297) contains.

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Color

Hex(00B297)

Conversions

Conversions Part 1

Format	Color
Hex	00B297
RGB	0, 178, 151
RGB Percent	0%, 70%, 59%
CMY	1.0000, 0.3020, 0.4078
CMYK	1.00, 0.00, 0.15, 0.30
HSL	171°, 100%, 35%
HSV	171°, 100%, 70%
XYZ	21.5063, 34.0752, 34.7218
YIQ	121.7000, -97.4210, -46.1330

Conversions

Conversions Part 2

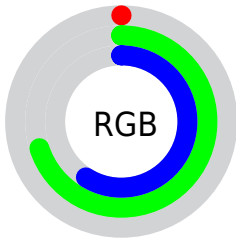
Format	Color
RYB	0, 96, 178
Decimal	45719
CIELab	65.02, -44.55, 3.05
CIELCh	65, 44.657, 176.079
Yxy	34.0752, 0.2382, 0.3773
Android (android.graphics.Color)	4278235799 (0xFF00B297)
YUV	121.7000, 14.4449, -106.7309
Hunter-Lab	58.3739, -36.3908, 5.5950

Details

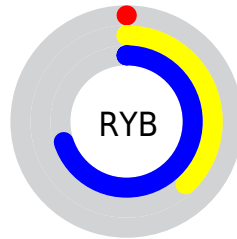
The Hex color **00B297** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B2001B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60EBCD**, and **007C64** is the 20% darker color. If you saturate the color by 10%, you get **00B297**, and if you desaturate by 10%, it is **12B29A**.

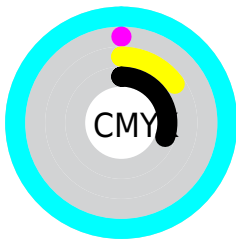
Distribution



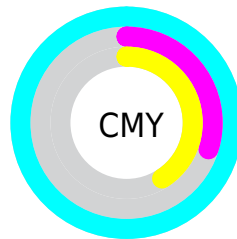
- Red (0%)
- Green (70%)
- Blue (59%)



- Red (0%)
- Yellow (38%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B297 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 00B297 by changing the saturation by 10% instead.

 00B297

FFFFFF

 60EBCD

 7FFFE9

 9EFFFF

 BCFFFF

 DAFFFF

 F9FFFF

 00B297

 00977D

 007C64

 00624C

 004A36

 003221

 001A0A

 000000

 00B297

 12B29A

 24B29C

 35B29F

 47B2A2

 59B2A4

 6BB2A7

 7DB2AA

 8EB2AD

 A0B2AF

Harmonies

Analogous

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



62AE70



00B297



00B2C0

Triad

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



00B297



9995E6



D98B5C

Complementary

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



00B297



B2001B

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.



E9807D



00B297



CA86CB

Square

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



00B297



4DA4ED



E57DA5



BB9A4C

Rectangle

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



00B297



00AFD6



E57DA5



E08766

Sweetspot

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



00B297



A2E8DD



1EB200



4B756F



F5F5F5



757575

Same Dimension

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



00B297



00E8C5



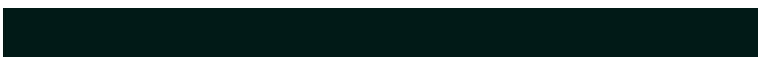
0077B2



505958



009982



001A16

Inverse Universe

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



B2001B



E80023



B23B00



595052



990017



1A0004

Previews

White Background



This preview shows how the Hex color 00B297 looks on a white background.

Color Contrast Check

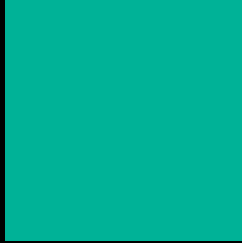
Large Text (above 18pt) WCAG AA × Fail

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 00B297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

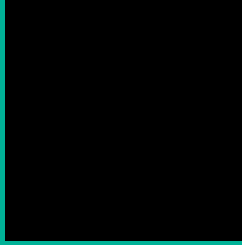
Any Text WCAG AA ✓ Pass

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 00B297 Background



This preview shows how black text looks on a background with the Hex color 00B297.

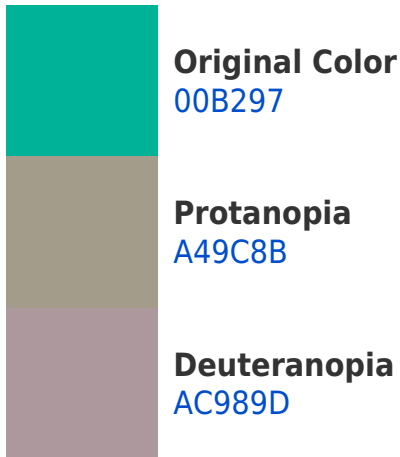


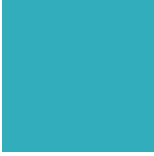
This preview shows how white text looks on a background with the Hex color 00B297.

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





Trichromacy



Original Color
00B297



Protanomaly
68A48F



Deuteranomaly
6DA19B



Tritanomaly
20AFAE

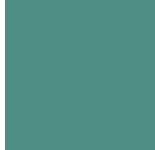
Monochromacy



Original Color
00B297



Achromatopsia
7A7A7A



Achromatomaly
4E8E85

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B297 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 #00B297 looks like.

```
.text, #text, p{  
    color:#00B297  
}
```

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 #00B297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B297
}
```

Border

The CSS property to change the border of an element to Hex 00B297 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
#00B297 }
```

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

```
.border{ border-color:#00B297 }
```

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

Here you see how a box with a 4 pixel #00B297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B297; -webkit-box-shadow:4px 4px  
4px 4px #00B297; box-shadow:4px 4px 4px  
4px #00B297 }
```

Background

The CSS property to change the background color of an element to Hex 00B297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B297 }
```

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

```
.background{ background-color:#00B297 }
```

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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