

Converting Colors

Hex(00BA88)

Have a look what the booklet for
Hex(00BA88) contains.

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Color

Hex(00BA88)

Conversions

Conversions Part 1

Format	Color
Hex	00BA88
RGB	0, 186, 136
RGB Percent	0%, 73%, 53%
CMY	1.0000, 0.2706, 0.4667
CMYK	1.00, 0.00, 0.27, 0.27
HSL	164°, 100%, 36%
HSV	164°, 100%, 73%
XYZ	22.0028, 36.8954, 29.2544
YIQ	124.6860, -94.8060, -54.9820

Conversions

Conversions Part 2

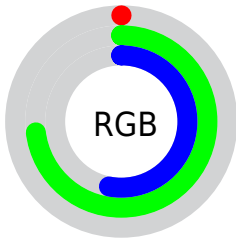
Format	Color
RYB	0, 107, 186
Decimal	47752
CIELab	67.20, -51.61, 14.39
CIELCh	67, 53.575, 164.418
Yxy	36.8954, 0.2496, 0.4185
Android (android.graphics.Color)	4278237832 (0xFF00BA88)
YUV	124.6860, 5.5778, -109.3496
Hunter-Lab	60.7416, -41.6385, 13.9638

Details

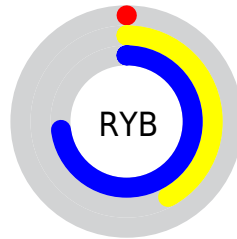
The Hex color **00BA88** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA0032**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **61F3BD**, and **008356** is the 20% darker color. If you saturate the color by 10%, you get **00BA88**, and if you desaturate by 10%, it is **13BA8D**.

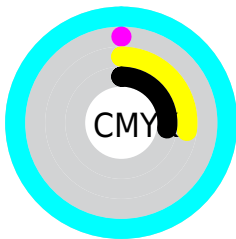
Distribution



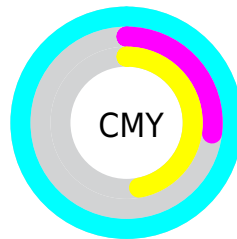
- Red (0%)
- Green (73%)
- Blue (53%)



- Red (0%)
- Yellow (42%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BA88 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 00BA88 by changing the saturation by 10% instead.

 00BA88

 00BA88

FFFFFF

 009E6F

 61F3BD

 008356

 80FFD9

 00693F

 9FFFF6

 005029

 BDFFFF

 003814

 DCFFFF

 002100

 FAFFFF

 000000

 00BA88

 13BA8D

 25BA92

 38BA97

 4ABA9C

 5DBAA1

 70BAA6

 82BAAB

 95BAB0

 A7BAB5

Harmonies

Analogous

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



72B45C



00BA88



00BCBA

Triad

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



00BA88



7AA1FF



F38662

Complementary

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



00BA88



BA0032

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.



FE7A8E



00BA88



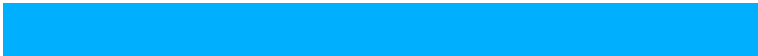
C58DE9

Square

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



00BA88



00B0FF



EF7DBF



D49844

Rectangle

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



00BA88



00BAD9



EF7DBF



F98170

Sweetspot

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



00BA88



AAF2DF



35BA00



4E7A6F



FAFAFA



7A7A7A

Same Dimension

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



00BA88



00F2B1



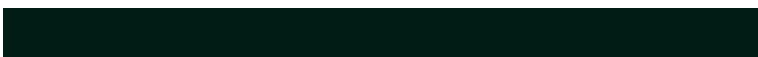
0092BA



535C59



009C72



001C15

Inverse Universe

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



BA0032



F20041



BA2800



5C5355



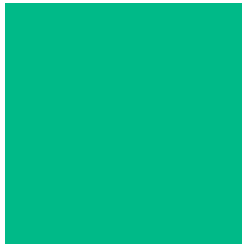
9C002A



1C0008

Previews

White Background



This preview shows how the Hex color 00BA88 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 00BA88 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

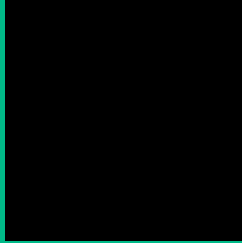
Any Text WCAG AA ✓ Pass

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 00BA88 Background



This preview shows how black text looks on a background with the Hex color 00BA88.

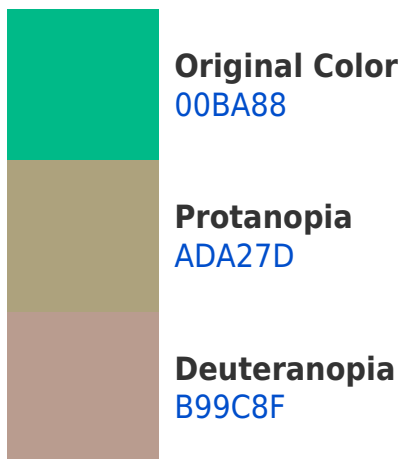


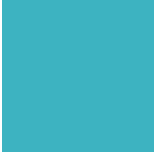
This preview shows how white text looks on a background with the Hex color 00BA88.

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
3DB3C1

Trichromacy



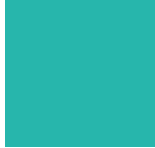
Original Color
00BA88



Protanomaly
6EAB81



Deuteranomaly
76A78C



Tritanomaly
27B6AC

Monochromacy



Original Color
00BA88



Achromatopsia
7D7D7D



Achromatomaly
509381

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BA88 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 #00BA88 looks like.

```
.text, #text, p{  
    color:#00BA88  
}
```

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 #00BA88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA88
}
```

Border

The CSS property to change the border of an element to Hex 00BA88 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
#00BA88 }
```

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

```
.border{ border-color:#00BA88 }
```

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

Here you see how a box with a 4 pixel #00BA88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA88; -webkit-box-shadow:4px 4px  
4px 4px #00BA88; box-shadow:4px 4px 4px  
4px #00BA88 }
```

Background

The CSS property to change the background color of an element to Hex 00BA88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA88 }
```

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

```
.background{ background-color:#00BA88 }
```

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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