

Converting Colors

Hex(00BA8F)

Have a look what the booklet for
Hex(00BA8F) contains.

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Color

Hex(00BA8F)

Conversions

Conversions Part 1

Format	Color
Hex	00BA8F
RGB	0, 186, 143
RGB Percent	0%, 73%, 56%
CMY	1.0000, 0.2706, 0.4392
CMYK	1.00, 0.00, 0.23, 0.27
HSL	166°, 100%, 36%
HSV	166°, 100%, 73%
XYZ	22.5168, 37.1010, 31.9610
YIQ	125.4840, -97.0530, -52.8050

Conversions

Conversions Part 2

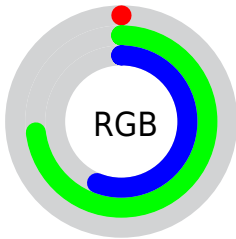
Format	Color
RYB	0, 105, 186
Decimal	47759
CIELab	67.35, -49.90, 10.79
CIELCh	67, 51.053, 167.794
Yxy	37.1010, 0.2459, 0.4051
Android (android.graphics.Color)	4278237839 (0xFF00BA8F)
YUV	125.4840, 8.6354, -110.0495
Hunter-Lab	60.9106, -40.6074, 11.5267

Details

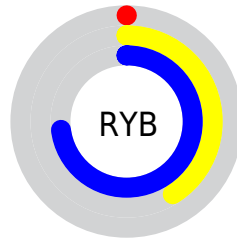
The Hex color **00BA8F** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA002B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **61F3C5**, and **00845D** is the 20% darker color. If you saturate the color by 10%, you get **00BA8F**, and if you desaturate by 10%, it is **13BA93**.

Distribution



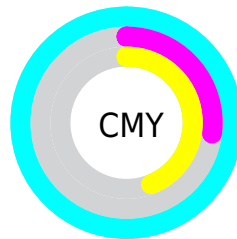
- Red (0%)
- Green (73%)
- Blue (56%)



- Red (0%)
- Yellow (41%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BA8F 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 00BA8F by changing the saturation by 10% instead.

 00BA8F

 00BA8F

FFFFFF

 009E75

 61F3C5

 00845D

 81FFE1

 006945

 9FFFFD

 00502F

 BEFFFF

 00381A

 DCFFFF

 002100

 FBFFFF

 000000

 00BA8F

 13BA93

 25BA98

 38BA9C

 4ABAA0

 5DBAA5

 70BAA9

 82BAAD

 95BAB1

 A7BAB6

Harmonies

Analogous

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



6FB464



00BA8F



00BBBF

Triad

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



00BA8F



889FFC



EE8A62

Complementary

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



00BA8F



BA002B

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.



FA7E8A



00BA8F



CA8DE2

Square

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



00BA8F



00AEFD



F07FB9



CF9B48

Rectangle

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



00BA8F



00B9DB



F07FB9



F4856E

Sweetspot

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



00BA8F



AAF2E1



2BBA00



4E7A70



FAFAFA



7A7A7A

Same Dimension

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



00BA8F



00F2BA



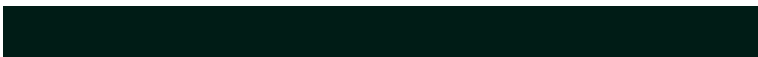
0088BA



535C5A



009C78



001C16

Inverse Universe

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



BA002B



F20038



BA3200



5C5355



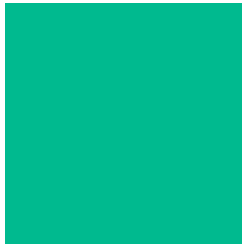
9C0024



1C0006

Previews

White Background



This preview shows how the Hex color 00BA8F 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 00BA8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

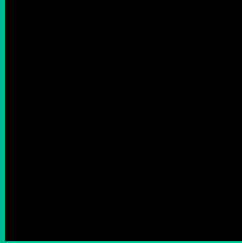
Any Text WCAG AA ✓ Pass

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 00BA8F Background



This preview shows how black text looks on a background with the Hex color 00BA8F.

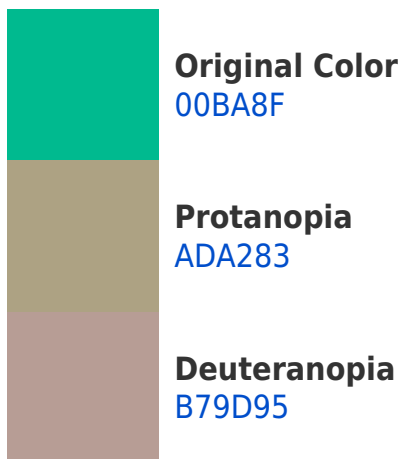


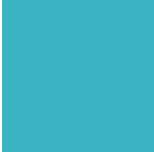
This preview shows how white text looks on a background with the Hex color 00BA8F.

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
3AB3C2

Trichromacy



Original Color
00BA8F



Protanomaly
6EAB87



Deuteranomaly
74A893



Tritanomaly
25B6AF

Monochromacy



Original Color
00BA8F



Achromatopsia
7D7D7D



Achromatomaly
509384

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BA8F 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 #00BA8F looks like.

```
.text, #text, p{  
    color:#00BA8F  
}
```

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 #00BA8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA8F
}
```

Border

The CSS property to change the border of an element to Hex 00BA8F 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
#00BA8F }
```

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

```
.border{ border-color:#00BA8F }
```

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

Here you see how a box with a 4 pixel #00BA8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA8F; -webkit-box-shadow:4px 4px  
4px 4px #00BA8F; box-shadow:4px 4px 4px  
4px #00BA8F }
```

Background

The CSS property to change the background color of an element to Hex 00BA8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA8F }
```

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

```
.background{ background-color:#00BA8F }
```

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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