

Converting Colors

Hex(00BA95)

Have a look what the booklet for
Hex(00BA95) contains.

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Color

Hex(00BA95)

Conversions

Conversions Part 1

Format	Color
Hex	00BA95
RGB	0, 186, 149
RGB Percent	0%, 73%, 58%
CMY	1.0000, 0.2706, 0.4157
CMYK	1.00, 0.00, 0.20, 0.27
HSL	168°, 100%, 36%
HSV	168°, 100%, 73%
XYZ	22.9837, 37.2877, 34.4197
YIQ	126.1680, -98.9790, -50.9390

Conversions

Conversions Part 2

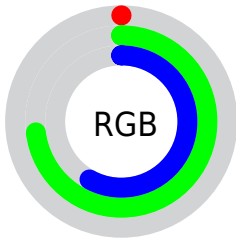
Format	Color
RYB	0, 103, 186
Decimal	47765
CIELab	67.49, -48.38, 7.71
CIELCh	67, 48.987, 170.945
Yxy	37.2877, 0.2427, 0.3938
Android (android.graphics.Color)	4278237845 (0xFF00BA95)
YUV	126.1680, 11.2562, -110.6493
Hunter-Lab	61.0637, -39.6760, 9.3247

Details

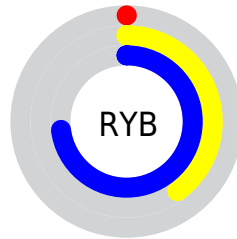
The Hex color **00BA95** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA0025**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **61F3CB**, and **008462** is the 20% darker color. If you saturate the color by 10%, you get **00BA95**, and if you desaturate by 10%, it is **13BA99**.

Distribution



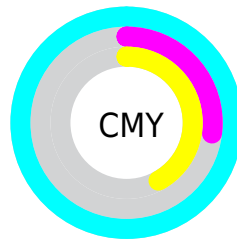
- Red (0%)
- Green (73%)
- Blue (58%)



- Red (0%)
- Yellow (40%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BA95 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 00BA95 by changing the saturation by 10% instead.

 00BA95

 00BA95

FFFFFF

 009E7B


 61F3CB

 008462

 81FFE7

 006A4A

 A0FFFF

 005034

 BEFFFF

 00381F

 DDFFFF

 002207

 FCFFFF

 000000

 00BA95

 13BA99

 25BA9C

 38BAA0

 4ABAA4

 5DBAA7

 70BAAB

 82BAAF

 95BAB3

 A7BAB6

Harmonies

Analogous

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



6CB56B



00BA95



00BBC3

Triad

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



00BA95



929EF7



E98D61

Complementary

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



00BA95



BA0025

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.



F78187



00BA95



CE8DDC

Square

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



00BA95



27ADFB



EF81B4



CA9D4B

Rectangle

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



00BA95



00B9DD



EF81B4



F0886D

Sweetspot

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



00BA95



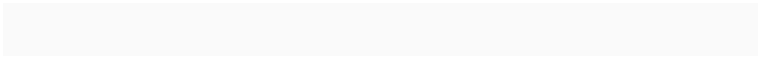
AAF2E4



25BA00



4E7A72



FAFAFA



7A7A7A

Same Dimension

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



00BA95



00F2C2



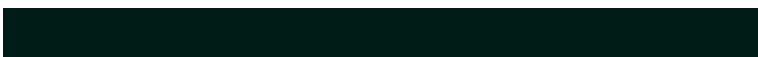
0082BA



535C5A



009C7D



001C16

Inverse Universe

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



BA0025



F20030



BA3800



5C5354



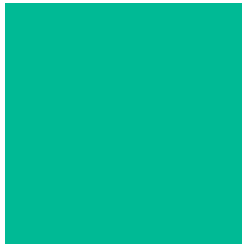
9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 00BA95 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 00BA95 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 00BA95 Background



This preview shows how black text looks on a background with the Hex color 00BA95.

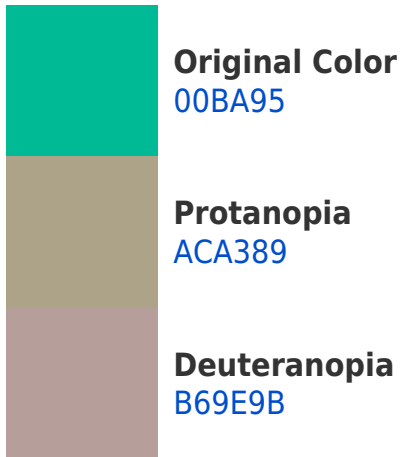


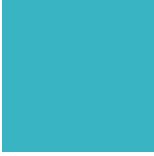
This preview shows how white text looks on a background with the Hex color 00BA95.

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
38B4C2

Trichromacy



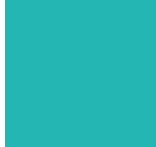
Original Color
00BA95



Protanomaly
6DAB8D



Deuteranomaly
74A899



Tritanomaly
24B6B2

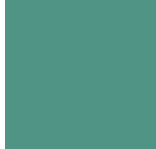
Monochromacy



Original Color
00BA95



Achromatopsia
7E7E7E



Achromatomaly
509486

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BA95 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 #00BA95 looks like.

```
.text, #text, p{  
    color:#00BA95  
}
```

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 #00BA95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BA95
}
```

Border

The CSS property to change the border of an element to Hex 00BA95 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
#00BA95 }
```

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

```
.border{ border-color:#00BA95 }
```

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

Here you see how a box with a 4 pixel #00BA95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BA95; -webkit-box-shadow:4px 4px  
4px 4px #00BA95; box-shadow:4px 4px 4px  
4px #00BA95 }
```

Background

The CSS property to change the background color of an element to Hex 00BA95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BA95 }
```

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

```
.background{ background-color:#00BA95 }
```

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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