

Converting Colors

Hex(00BAAD)

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

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Color

Hex(00BAAD)

Conversions

Conversions Part 1

Format	Color
Hex	00BAAD
RGB	0, 186, 173
RGB Percent	0%, 73%, 68%
CMY	1.0000, 0.2706, 0.3216
CMYK	1.00, 0.00, 0.07, 0.27
HSL	176°, 100%, 36%
HSV	176°, 100%, 73%
XYZ	25.1017, 38.1349, 45.5729
YIQ	128.9040, -106.6830, -43.4750

Conversions

Conversions Part 2

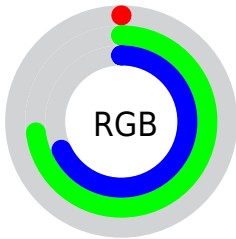
Format	Color
RYB	0, 96, 186
Decimal	47789
CIELab	68.12, -41.79, -4.57
CIELCh	68, 42.042, 186.241
Yxy	38.1349, 0.2307, 0.3505
Android (android.graphics.Color)	4278237869 (0xFF00BAAD)
YUV	128.9040, 21.7393, -113.0488
Hunter-Lab	61.7535, -35.5114, -0.5275

Details

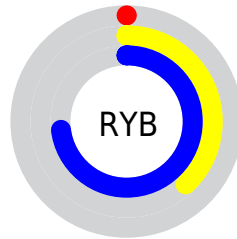
The Hex color **00BAAD** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BA000D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **64F3E4**, and **008479** is the 20% darker color. If you saturate the color by 10%, you get **00BAAD**, and if you desaturate by 10%, it is **13BAAE**.

Distribution



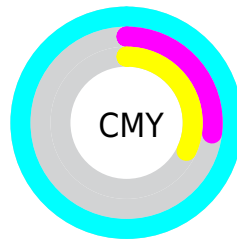
- Red (0%)
- Green (73%)
- Blue (68%)



- Red (0%)
- Yellow (38%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 00BAAD


 00BAAD

FFFFFF

 009F92

 64F3E4

 008479

 84FFFF

 006A60

 A3FFFF

 005148

 C1FFFF

 003932

 E0FFFF

 00241D

 000003

 000000

 00BAAD

 13BAAE

 25BAB0

 38BAB1

 4ABAB2

 5DBAB3

 70BAB5

 82BAB6

 95BAB7

 A7BAB9

Harmonies

Analogous

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



5DB786



00BAAD



00B8D2

Triad

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



00BAAD



B499E3



D79961

Complementary

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



00BAAD



BA000D

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.



EB8D7B



00BAAD



DC8CC5

Square

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



00BAAD



79A7F1



EE879F



B6A659

Rectangle

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



00BAAD



00B5E4



EE879F



DF9568

Sweetspot

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



00BAAD



AAF2ED



10BA00



4E7A77



FAFAFA



7A7A7A

Same Dimension

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



00BAAD



00F2E1



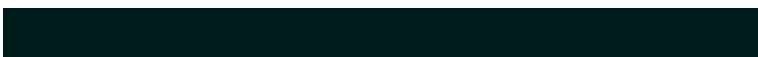
006DBA



535C5B



009C91



001C1A

Inverse Universe

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



BA000D



F20011



BA4E00



5C5353



9C000B



1C0002

Previews

White Background



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

Color Contrast Check

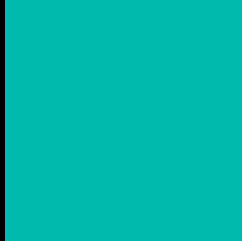
Large Text (above 18pt) WCAG AA × Fail

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 00BAAD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

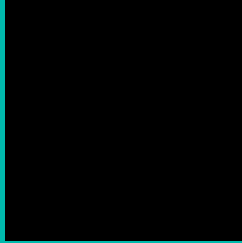
Any Text WCAG AA ✓ Pass

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 00BAAD Background



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

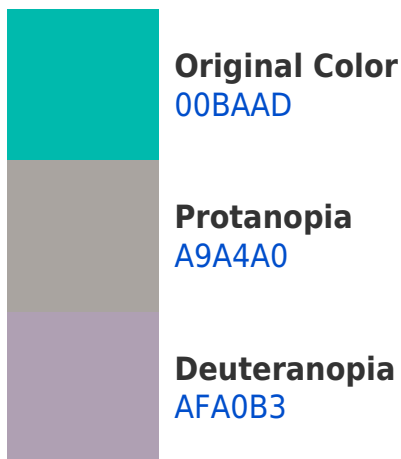


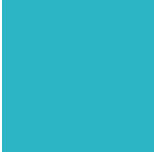
This preview shows how white text looks on a background with the Hex color 00BAAD.

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
2CB6C5

Trichromacy



Original Color
00BAAD



Protanomaly
6CACA5



Deuteranomaly
6FA9B1



Tritanomaly
1CB7BC

Monochromacy



Original Color
00BAAD



Achromatopsia
818181



Achromatomaly
529691

CSS Examples

Text

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

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

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 #00BAAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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