

Converting Colors

Hex(00BEAD)

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

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Color

Hex(00BEAD)

Conversions

Conversions Part 1

Format	Color
Hex	00BEAD
RGB	0, 190, 173
RGB Percent	0%, 75%, 68%
CMY	1.0000, 0.2549, 0.3216
CMYK	1.00, 0.00, 0.09, 0.25
HSL	175°, 100%, 37%
HSV	175°, 100%, 75%
XYZ	25.9563, 39.8440, 45.8578
YIQ	131.2520, -107.7830, -45.5670

Conversions

Conversions Part 2

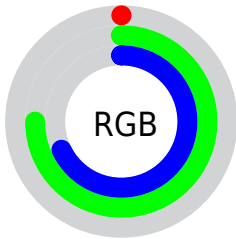
Format	Color
RYB	0, 99, 190
Decimal	48813
CIELab	69.36, -43.53, -2.75
CIELCh	69, 43.617, 183.610
Yxy	39.8440, 0.2325, 0.3568
Android (android.graphics.Color)	4278238893 (0xFF00BEAD)
YUV	131.2520, 20.5818, -115.1080
Hunter-Lab	63.1221, -37.0632, 1.1117

Details

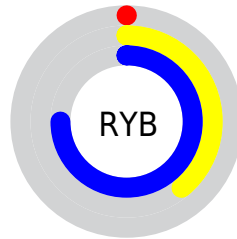
The Hex color **00BEAD** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **BE0011**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **64F7E4**, and **008879** is the 20% darker color. If you saturate the color by 10%, you get **00BEAD**, and if you desaturate by 10%, it is **13BEAF**.

Distribution



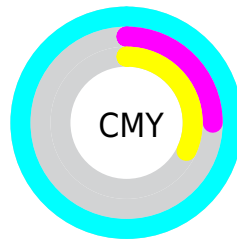
- Red (0%)
- Green (75%)
- Blue (68%)



- Red (0%)
- Yellow (39%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 00BEAD

 00BEAD


FFFFFF

 00A292

 64F7E4

 008879

 85FFFF

 006E60

 A4FFFF

 005448

 C2FFFF

 003C32

 E1FFFF

 00271D

 000004

 000000

 00BEAD

 13BEAF

 26BEB0

 39BEB2

 4CBEB4

 5FBEB6

 72BEB7

 85BEB9

 98BEBB

 ABBEBC

Harmonies

Analogous

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



62BB85



00BEAD



00BDD4

Triad

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



00BEAD



B39DEB



DE9B63

Complementary

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



00BEAD



BE0011

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.



F28E80



00BEAD



DF90CD

Square

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



00BEAD



73ACF8



F389A6



BEA959

Rectangle

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



00BEAD



00B9E8



F389A6



E7966B

Sweetspot

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



00BEAD



ADF7F1



13BE00



507D79



FCFCFC



7D7D7D

Same Dimension

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



00BEAD



00F7E1



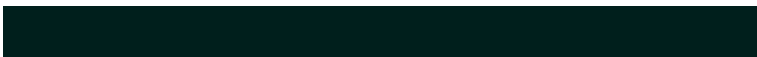
0072BE



555E5E



009E90



001F1C

Inverse Universe

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



BE0011



F70016



BE4C00



5E5556



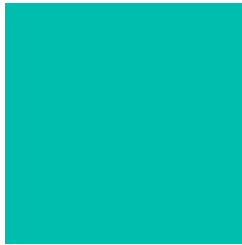
9E000E



1F0003

Previews

White Background



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

Color Contrast Check

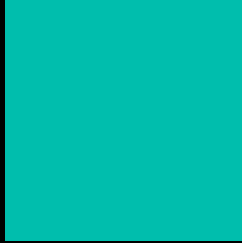
Large Text (above 18pt) WCAG AA × Fail

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 00BEAD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

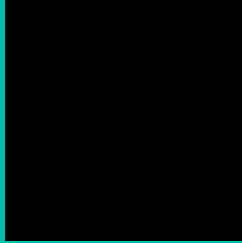
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

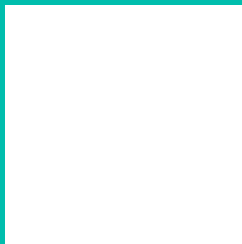
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00BEAD Background



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

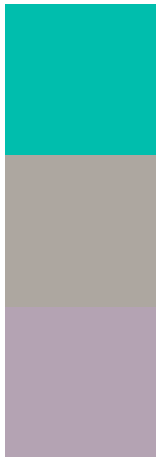


This preview shows how white text looks on a background with the Hex color 00BEAD.

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](#).

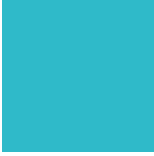
Dichromacy



Original Color
00BEAD

Protanopia
ADA7A0

Deuteranopia
B4A3B3



Trichromacy



Original Color
00BEAD



Protanomaly
6EAFA5



Deuteranomaly
73ADB1



Tritanomaly
1EBBBF

Monochromacy



Original Color
00BEAD



Achromatopsia
838383



Achromatomaly
539892

CSS Examples

Text

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

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

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 #00BEAD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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