

Converting Colors

Hex(00B889)

Have a look what the booklet for
Hex(00B889) contains.

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Color

Hex(00B889)

Conversions

Conversions Part 1

Format	Color
Hex	00B889
RGB	0, 184, 137
RGB Percent	0%, 72%, 54%
CMY	1.0000, 0.2784, 0.4627
CMYK	1.00, 0.00, 0.26, 0.28
HSL	165°, 100%, 36%
HSV	165°, 100%, 72%
XYZ	21.6558, 36.0871, 29.4910
YIQ	123.6260, -94.5770, -53.6250

Conversions

Conversions Part 2

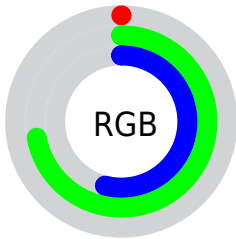
Format	Color
RYB	0, 105, 184
Decimal	47241
CIELab	66.59, -50.59, 12.99
CIELCh	67, 52.231, 165.601
Yxy	36.0871, 0.2483, 0.4137
Android (android.graphics.Color)	4278237321 (0xFF00B889)
YUV	123.6260, 6.5934, -108.4200
Hunter-Lab	60.0726, -40.7786, 12.9439

Details

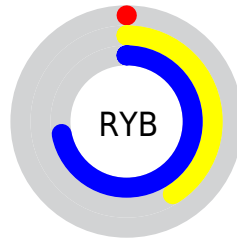
The Hex color **00B889** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B8002F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **60F1BE**, and **008257** is the 20% darker color. If you saturate the color by 10%, you get **00B889**, and if you desaturate by 10%, it is **12B88E**.

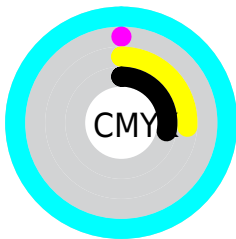
Distribution



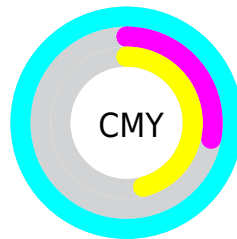
- Red (0%)
- Green (72%)
- Blue (54%)



- Red (0%)
- Yellow (41%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00B889 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 00B889 by changing the saturation by 10% instead.

 00B889

 00B889


FFFFFF

 009C70


 60F1BE

 008257

 80FFDA

 006840

 9EFFF7

 004E29

 BDFFFF

 003615

 DBFFFF

 001F00

 FAFFFF

 000000

 00B889

 12B88E

 25B892

 37B897

 4AB89C

 5CB8A1

 6EB8A5

 81B8AA

 93B8AF

 A6B8B3

Harmonies

Analogous

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



70B25D



00B889



00BABA

Triad

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



00B889



7E9EFC



EE8661

Complementary

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



00B889



B8002F

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.



FA7A8B



00B889



C58CE4

Square

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



00B889



00ADFC



ED7CBB



D09745

Rectangle

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



00B889



00B8D7



ED7CBB



F4816E

Sweetspot

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



00B889



A8F0DD



31B800



4D786D



F7F7F7



787878

Same Dimension

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



00B889



00F0B2



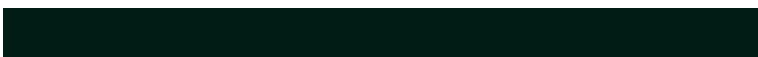
008DB8



535C59



009C74



001C15

Inverse Universe

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



B8002F



F0003D



B82B00



5C5355



9C0028



1C0007

Previews

White Background



This preview shows how the Hex color 00B889 looks on a white background.

Color Contrast Check

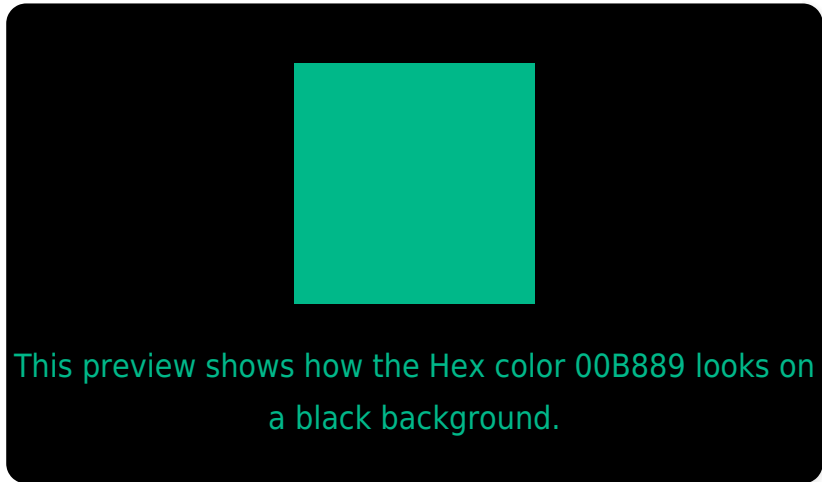
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

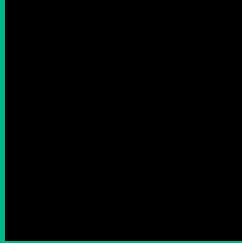
Any Text WCAG AA ✓ Pass

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 00B889 Background



This preview shows how black text looks on a background with the Hex color 00B889.

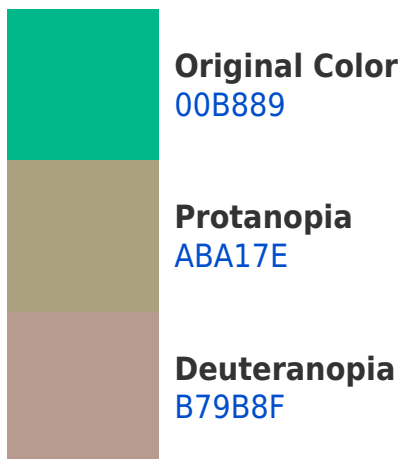


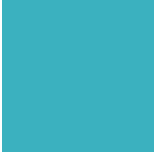
This preview shows how white text looks on a background with the Hex color 00B889.

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
3BB1BF

Trichromacy



Original Color
00B889



Protanomaly
6DA982



Deuteranomaly
74A68D



Tritanomaly
26B4AB

Monochromacy



Original Color
00B889



Achromatopsia
7C7C7C



Achromatomaly
4F9281

CSS Examples

Text

The CSS property to change the color of the text to Hex 00B889 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 #00B889 looks like.

```
.text, #text, p{  
    color:#00B889  
}
```

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 #00B889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B889
}
```

Border

The CSS property to change the border of an element to Hex 00B889 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
#00B889 }
```

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

```
.border{ border-color:#00B889 }
```

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

Here you see how a box with a 4 pixel #00B889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B889; -webkit-box-shadow:4px 4px  
4px 4px #00B889; box-shadow:4px 4px 4px  
4px #00B889 }
```

Background

The CSS property to change the background color of an element to Hex 00B889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B889 }
```

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

```
.background{ background-color:#00B889 }
```

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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