

Converting Colors

Hex(06B7AE)

Have a look what the booklet for
Hex(06B7AE) contains.

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Color

Hex(06B7AE)

Conversions

Conversions Part 1

Format	Color
Hex	06B7AE
RGB	6, 183, 174
RGB Percent	2%, 72%, 68%
CMY	0.9765, 0.2824, 0.3176
CMYK	0.97, 0.00, 0.05, 0.28
HSL	177°, 94%, 37%
HSV	177°, 97%, 72%
XYZ	24.6486, 36.9617, 45.8796
YIQ	129.0510, -102.6030, -40.3230

Conversions

Conversions Part 2

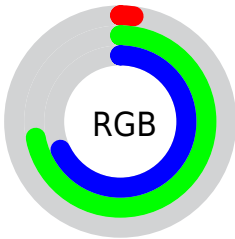
Format	Color
RYB	6, 97, 183
Decimal	440238
CIELab	67.25, -39.98, -6.41
CIELCh	67, 40.488, 189.107
Yxy	36.9617, 0.2293, 0.3439
Android (android.graphics.Color)	4278630318 (0xFF06B7AE)
YUV	129.0510, 22.1599, -107.9157
Hunter-Lab	60.7961, -34.0240, -2.1857

Details

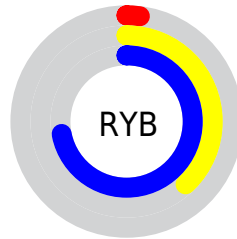
The Hex color **06B7AE** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B7060F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **64F0E5**, and **00817A** is the 20% darker color. If you saturate the color by 10%, you get **00B7AE**, and if you desaturate by 10%, it is **18B7AF**.

Distribution



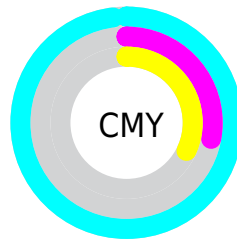
- Red (2%)
- Green (72%)
- Blue (68%)



- Red (2%)
- Yellow (38%)
- Blue (72%)



- Cyan (97%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (98%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B7AE 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 06B7AE by changing the saturation by 10% instead.

 06B7AE

 06B7AE

FFFFFF

 009C93


 64F0E5

 00817A

 84FFFF

 006761

 A3FFFF

 004E49

 C1FFFF

 003633

 E0FFFF

 00221E

 000004

 000000

 06B7AE

 06B7AE

■ 00B7AE

■ 18B7AF

■ 2BB7B0

■ 3DB7B1

■ 4FB7B2

■ 62B7B3

■ 74B7B4

■ 86B7B5

■ 98B7B5

■ ABB7B6

Harmonies

Analogous

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



59B588



06B7AE



00B5D1

Triad

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



06B7AE



B696DC



D09960

Complementary

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



06B7AE



B7060F

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.



E58D77



06B7AE



DA8ABF

Square

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



06B7AE



7FA4EB



EA879A



B0A55A

Rectangle

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



06B7AE



00B1E1



EA879A



D99466

Sweetspot

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



06B7AE



A8EDEA



12B706



4E7876



F7F7F7



787878

Same Dimension

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



06B7AE



00EDE1



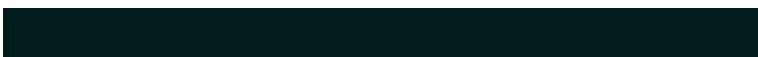
066AB7



535C5B



009C94



001C1B

Inverse Universe

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



B7060F



ED000C



B75306



5C5353



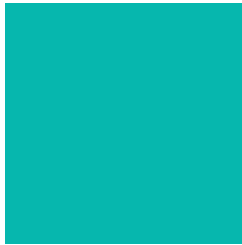
9C0008



1C0001

Previews

White Background



This preview shows how the Hex color 06B7AE looks on a white background.

Color Contrast Check

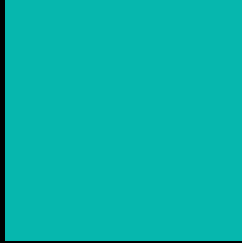
Large Text (above 18pt) WCAG AA × Fail

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 06B7AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

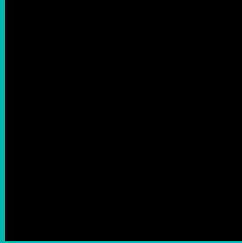
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

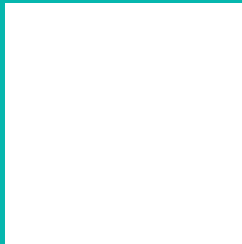
Any Text WCAG AAA ✓ Pass

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

Hex 06B7AE Background



This preview shows how black text looks on a background with the Hex color 06B7AE.

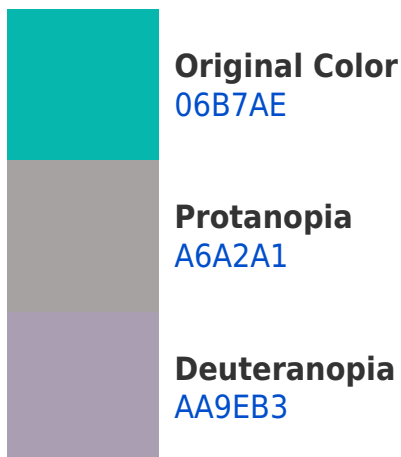


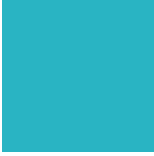
This preview shows how white text looks on a background with the Hex color 06B7AE.

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
29B4C3

Trichromacy



Original Color
06B7AE



Protanomaly
6CAAA6



Deuteranomaly
6EA7B1



Tritanomaly
1CB5BB

Monochromacy



Original Color
06B7AE



Achromatopsia
818181



Achromatomaly
549591

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B7AE 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 #06B7AE looks like.

```
.text, #text, p{  
    color:#06B7AE  
}
```

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 #06B7AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B7AE
}
```

Border

The CSS property to change the border of an element to Hex 06B7AE 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
#06B7AE }
```

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

```
.border{ border-color:#06B7AE }
```

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

Here you see how a box with a 4 pixel #06B7AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B7AE; -webkit-box-shadow:4px 4px  
4px 4px #06B7AE; box-shadow:4px 4px 4px  
4px #06B7AE }
```

Background

The CSS property to change the background color of an element to Hex 06B7AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B7AE }
```

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

```
.background{ background-color:#06B7AE }
```

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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