

Converting Colors

Hex(03B7A7)

Have a look what the booklet for
Hex(03B7A7) contains.

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Color

Hex(03B7A7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 03B7A7 |
| RGB | 3, 183, 167 |
| RGB Percent | 1%, 72%, 65% |
| CMY | 0.9882, 0.2824, 0.3451 |
| CMYK | 0.98, 0.00, 0.09, 0.28 |
| HSL | 175°, 97%, 36% |
| HSV | 175°, 98%, 72% |
| XYZ | 23.9461, 36.6764, 42.3764 |
| YIQ | 127.3560, -102.1440, -43.1360 |

Conversions

Conversions Part 2

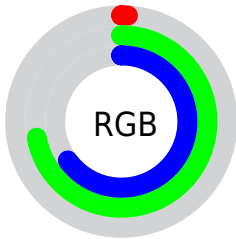
| Format | Color |
|-------------------------------------|--|
| RYB | 3, 97, 183 |
| Decimal | 243623 |
| CIELab | 67.03, -42.11, -2.86 |
| CIELCh | 67, 42.207, 183.886 |
| Yxy | 36.6764, 0.2325, 0.3561 |
| Android (android.graphics.Color) | 4278433703 (0xFF03B7A7) |
| YUV | 127.3560, 19.5445, -109.0602 |
| Hunter-Lab | 60.5610, -35.4021, 0.9057 |

Details

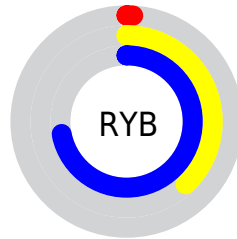
The Hex color **03B7A7** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B70313**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **63F0DE**, and **008173** is the 20% darker color. If you saturate the color by 10%, you get **00B7A7**, and if you desaturate by 10%, it is **15B7A9**.

Distribution



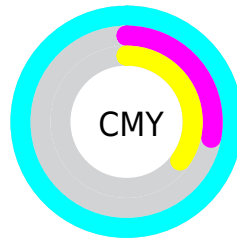
- Red (1%)
- Green (72%)
- Blue (65%)



- Red (1%)
- Yellow (38%)
- Blue (72%)



- Cyan (98%)
- Magenta (0%)
- Yellow (9%)
- Black (28%)



- Cyan (99%)
- Magenta (28%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03B7A7 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 03B7A7 by changing the saturation by 10% instead.

 03B7A7

 03B7A7

FFFFFF

 009C8D

 63F0DE

 008173

 83FFFB

 00675B

 A1FFFF

 004E43

 C0FFFF

 00362D

 DFFFFFF

 002119

FDFFFF

 000000

 03B7A7

 03B7A7

 00B7A7

 15B7A9

 28B7AA

 3AB7AC

 4CB7AE

 5EB7AF

 71B7B1

 83B7B2

 95B7B4

 A8B7B6

Harmonies

Analogous

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



5EB480



03B7A7



00B6CC

Triad

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



03B7A7



AD97E2



D6955F

Complementary

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



03B7A7



B70313

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.



E9897B



03B7A7



D78AC5

Square

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



03B7A7



70A5EF



EA84A0



B6A356

Rectangle

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



03B7A7



00B2E0



EA84A0



DE9167

Sweetspot

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



03B7A7



A6EDE7



15B703



4D7874



F7F7F7



787878

Same Dimension

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



03B7A7



00EED8



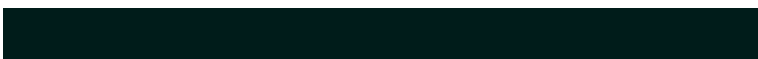
036FB7



535C5B



009C8E



001C1A

Inverse Universe

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



B70313



ED0015



B74B03



5C5353



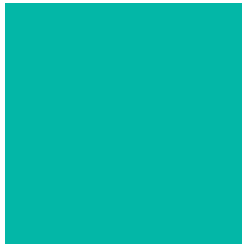
9C000E



1C0002

Previews

White Background



This preview shows how the Hex color 03B7A7 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 03B7A7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

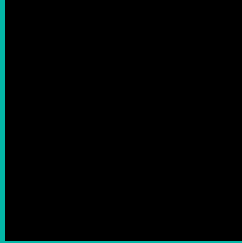
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

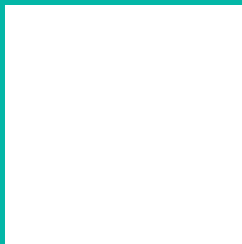
Any Text WCAG AAA ✓ Pass

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

Hex 03B7A7 Background



This preview shows how black text looks on a background with the Hex color 03B7A7.

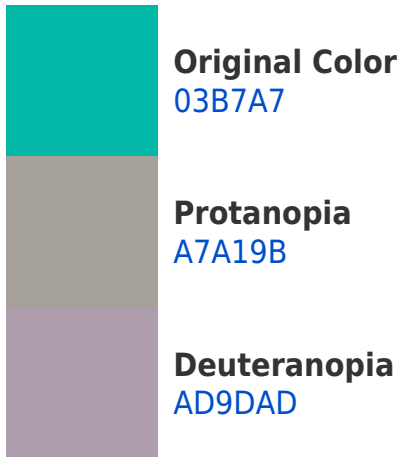


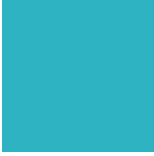
This preview shows how white text looks on a background with the Hex color 03B7A7.

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
2DB3C2

Trichromacy



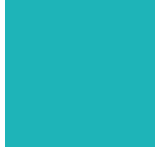
Original Color
03B7A7



Protanomaly
6BA99F



Deuteranomaly
6FA6AB



Tritanomaly
1EB4B8

Monochromacy



Original Color
03B7A7



Achromatopsia
7F7F7F



Achromatomaly
52938E

CSS Examples

Text

The CSS property to change the color of the text to Hex 03B7A7 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 #03B7A7 looks like.

```
.text, #text, p{  
  color:#03B7A7  
}
```

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 #03B7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03B7A7
}
```

Border

The CSS property to change the border of an element to Hex 03B7A7 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
#03B7A7 }
```

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

```
.border{ border-color:#03B7A7 }
```

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

Here you see how a box with a 4 pixel #03B7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03B7A7; -webkit-box-shadow:4px 4px  
4px 4px #03B7A7; box-shadow:4px 4px 4px  
4px #03B7A7 }
```

Background

The CSS property to change the background color of an element to Hex 03B7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03B7A7 }
```

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

```
.background{ background-color:#03B7A7 }
```

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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