

# Converting Colors

Hex(02B6A0)

Have a look what the booklet for  
Hex(02B6A0) contains.

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**Color**

**Hex(02B6A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02B6A0
RGB	2, 182, 160
RGB Percent	1%, 71%, 63%
CMY	0.9922, 0.2863, 0.3725
CMYK	0.99, 0.00, 0.12, 0.29
HSL	173°, 98%, 36%
HSV	173°, 99%, 71%
XYZ	23.0981, 36.0069, 38.9903
YIQ	125.6720, -100.2180, -45.0020

# Conversions

## Conversions Part 2

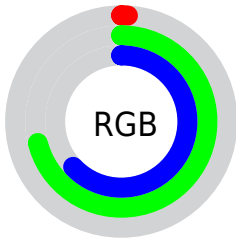
Format	Color
<a href="#">RYB</a>	<a href="#">2, 98, 182</a>
Decimal	<a href="#">177824</a>
CIELab	<a href="#">66.53, -43.69, 0.26</a>
CIELCh	<a href="#">67, 43.692, 179.658</a>
Yxy	<a href="#">36.0069, 0.2355, 0.3671</a>
Android (android.graphics.Color)	<a href="#">4278367904</a> ( <a href="#">0xFF02B6A0</a> )
YUV	<a href="#">125.6720, 16.9237, -108.4603</a>
Hunter-Lab	<a href="#">60.0057, -36.2996, 3.4787</a>

# Details

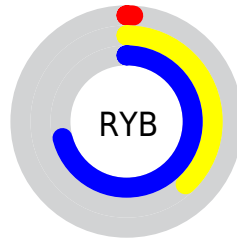
The Hex color **02B6A0** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B60218**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62EFD7**, and **00806D** is the 20% darker color. If you saturate the color by 10%, you get **00B6A0**, and if you desaturate by 10%, it is **14B6A2**.

# Distribution



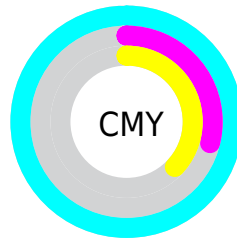
- Red (1%)
- Green (71%)
- Blue (63%)



- Red (1%)
- Yellow (38%)
- Blue (71%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (99%)
- Magenta (29%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02B6A0 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 02B6A0 by changing the saturation by 10% instead.



 02B6A0

 02B6A0

FFFFFF

 009B86

 62EFD7

 00806D

 82FFF3

 006654

 A0FFFF

 004D3D

 BFFFFFF

 003528

 DFFFFFF

 001F13

 FCFFFF

 000000

 02B6A0

 02B6A0

 00B6A0

 14B6A2

 26B6A4

 39B6A7

 4BB6A9

 5DB6AB

 6FB6AD

 81B6B0

 94B6B2

 A6B6B4

# Harmonies

## Analogous

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



62B379



02B6A0



00B5C7

# Triad

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



02B6A0



A498E6



D9915F

# Complementary

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



02B6A0



B60218

# 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.



EB857D



02B6A0



D289CA

# Square

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



02B6A0



60A6F0



EA82A4



BA9F52

# Rectangle

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



02B6A0



00B2DD



EA82A4



E18D67



# Sweetspot

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



02B6A0



A6EDE4



1AB602



4D7873



F7F7F7



787878



# Same Dimension

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



02B6A0



00EDD0



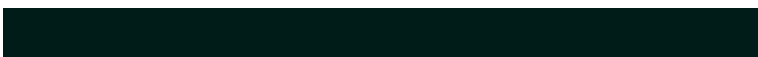
0274B6



535C5B



009C89



001C19



# Inverse Universe

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



B60218



ED001D



B64402



5C5354



9C0013

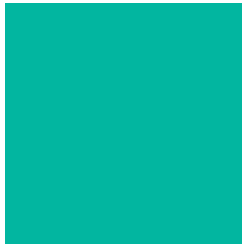


1C0003



# Previews

## White Background



This preview shows how the Hex color 02B6A0 looks on a white background.

## Color Contrast Check

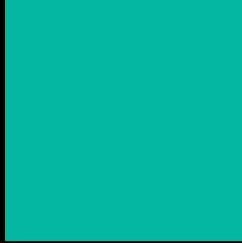
Large Text (above 18pt) WCAG AA × Fail

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 02B6A0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

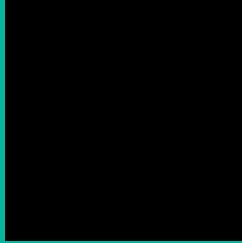
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 02B6A0 Background



This preview shows how black text looks on a background with the Hex color 02B6A0.

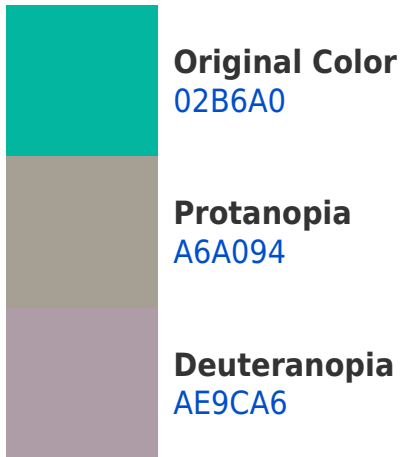


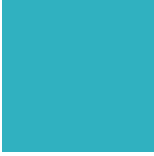
This preview shows how white text looks on a background with the Hex color 02B6A0.

# 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**  
30B1C0

# Trichromacy



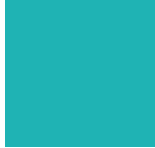
**Original Color**  
02B6A0



**Protanomaly**  
6AA898



**Deuteranomaly**  
6FA5A4



**Tritanomaly**  
1FB3B4

# Monochromacy



**Original Color**  
02B6A0



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
51928A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02B6A0 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 #02B6A0 looks like.

```
.text, #text, p{  
    color:#02B6A0  
}
```

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 #02B6A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B6A0
}
```

## Border

The CSS property to change the border of an element to Hex 02B6A0 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
#02B6A0 }
```

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

```
.border{ border-color:#02B6A0 }
```

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

Here you see how a box with a 4 pixel #02B6A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B6A0; -webkit-box-shadow:4px 4px  
4px 4px #02B6A0; box-shadow:4px 4px 4px  
4px #02B6A0 }
```

# Background

The CSS property to change the background color of an element to Hex 02B6A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B6A0 }
```

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

```
.background{ background-color:#02B6A0 }
```

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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