

# Converting Colors

Hex(03BE97)

Have a look what the booklet for  
Hex(03BE97) contains.

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**Color**

**Hex(03BE97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03BE97
RGB	3, 190, 151
RGB Percent	1%, 75%, 59%
CMY	0.9882, 0.2549, 0.4078
CMYK	0.98, 0.00, 0.21, 0.25
HSL	167°, 97%, 38%
HSV	167°, 98%, 75%
XYZ	24.0369, 39.0806, 35.5546
YIQ	129.6410, -98.9330, -51.7730

# Conversions

## Conversions Part 2

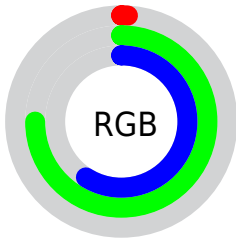
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 107, 190
Decimal	245399
CIELab	68.81, -49.37, 8.50
CIElCh	69, 50.094, 170.231
Yxy	39.0806, 0.2436, 0.3961
Android (android.graphics.Color)	4278435479 (0xFF03BE97)
YUV	129.6410, 10.5300, -111.0642
Hunter-Lab	62.5145, -40.7669, 10.0395

# Details

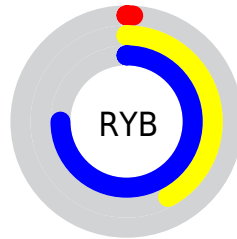
The Hex color **03BE97** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BE032A**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **63F7CD**, and **008764** is the 20% darker color. If you saturate the color by 10%, you get **00BE96**, and if you desaturate by 10%, it is **16BE9B**.

# Distribution



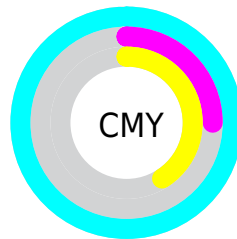
- Red (1%)
- Green (75%)
- Blue (59%)



- Red (1%)
- Yellow (42%)
- Blue (75%)



- Cyan (98%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (99%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03BE97 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 03BE97 by changing the saturation by 10% instead.





03BE97



03BE97

FFFFFF



00A27D



63F7CD



008764



83FFE9



006D4C



A2FFFF



005436



C0FFFF



003B20



DFFFFF



00250A

FEFFFF



000000



03BE97



03BE97



00BE96



16BE9B

 29BE9F

 3CBEA3

 4FBEA7

 62BEAB

 75BEAF

 88BEB3

 9BBEB7

 AEBEBB

# Harmonies

## Analogous

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



6FB96C



03BE97



00BFC6

# Triad

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



03BE97



93A2FD



EF9064

# Complementary

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



03BE97



BE032A

# 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.



FD838B



03BE97



D190E2

# Square

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



03BE97



1EB1FF



F483B9



CFA04C

# Rectangle

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



03BE97



00BDE1



F483B9



F68B70

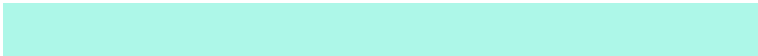


# Sweetspot

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



03BE97



ADF7E8



2CBE03



507D74



FCFCFC



7D7D7D



# Same Dimension

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



03BE97



00F7C4



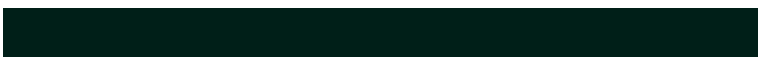
0389BE



555E5C



009E7D



001F18



# Inverse Universe

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



BE032A



F70034



BE3803



5E5557



9E0021

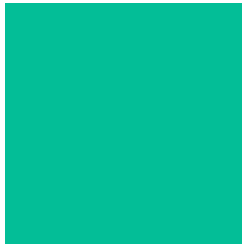


1F0006



# Previews

## White Background



This preview shows how the Hex color 03BE97 looks on a white background.

## Color Contrast Check

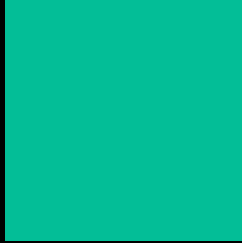
Large Text (above 18pt) WCAG AA × Fail

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 03BE97 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 03BE97 Background



This preview shows how black text looks on a background with the Hex color 03BE97.

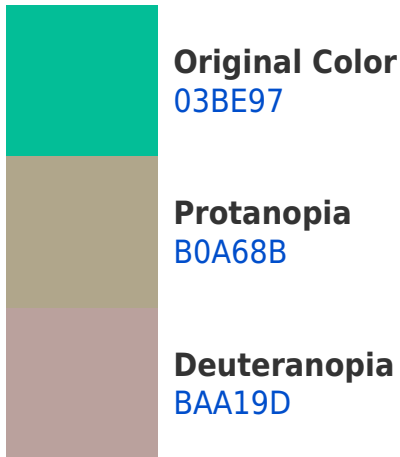


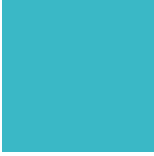
This preview shows how white text looks on a background with the Hex color 03BE97.

# 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**  
3AB8C6

# Trichromacy



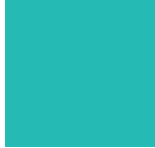
**Original Color**  
03BE97



**Protanomaly**  
71AF8F



**Deuteranomaly**  
77AC9B



**Tritanomaly**  
26BAB5

# Monochromacy



**Original Color**  
03BE97



**Achromatopsia**  
828282



**Achromatomaly**  
54988A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03BE97 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 #03BE97 looks like.

```
.text, #text, p{  
    color:#03BE97  
}
```

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 #03BE97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03BE97
}
```

## Border

The CSS property to change the border of an element to Hex 03BE97 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
#03BE97 }
```

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

```
.border{ border-color:#03BE97 }
```

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

Here you see how a box with a 4 pixel #03BE97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03BE97; -webkit-box-shadow:4px 4px  
4px 4px #03BE97; box-shadow:4px 4px 4px  
4px #03BE97 }
```

# Background

The CSS property to change the background color of an element to Hex 03BE97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03BE97 }
```

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

```
.background{ background-color:#03BE97 }
```

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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