

# Converting Colors

Hex(03B4A9)

Have a look what the booklet for  
Hex(03B4A9) contains.

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**Color**

**Hex(03B4A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03B4A9
RGB	3, 180, 169
RGB Percent	1%, 71%, 66%
CMY	0.9882, 0.2941, 0.3373
CMYK	0.98, 0.00, 0.06, 0.29
HSL	176°, 97%, 36%
HSV	176°, 98%, 71%
XYZ	23.5202, 35.5264, 43.1538
YIQ	125.8230, -101.9610, -40.9450

# Conversions

## Conversions Part 2

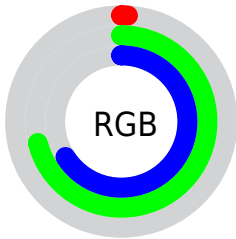
Format	Color
<a href="#">RYB</a>	3, 94, 180
Decimal	242857
CIELab	66.16, -40.21, -5.26
CIELCh	66, 40.556, 187.452
Yxy	35.5264, 0.2301, 0.3476
Android (android.graphics.Color)	4278432937 (0xFF03B4A9)
YUV	125.8230, 21.2863, -107.7158
Hunter-Lab	59.6041, -33.8696, -1.2035

# Details

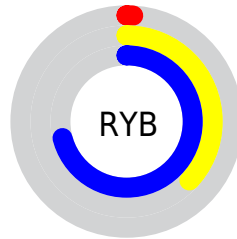
The Hex color **03B4A9** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **B4030E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **62EDE0**, and **007E75** is the 20% darker color. If you saturate the color by 10%, you get **00B4A9**, and if you desaturate by 10%, it is **15B4AA**.

# Distribution



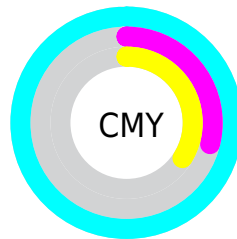
- Red (1%)
- Green (71%)
- Blue (66%)



- Red (1%)
- Yellow (37%)
- Blue (71%)



- Cyan (98%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (99%)
- Magenta (29%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03B4A9 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 03B4A9 by changing the saturation by 10% instead.



 03B4A9

 03B4A9

FFFFFF

 00998F

 62EDE0

 007E75

 82FFFD

 00655C

 A1FFFF

 004C45

 BFFFFFF

 00342F

 DEFFF

 001E1A

FDFFF

 000000

 03B4A9

 03B4A9

 00B4A9

 15B4AA

 27B4AB

 39B4AC

 4BB4AD

 5DB4AF

 6FB4B0

 81B4B1

 93B4B2

 A5B4B3

# Harmonies

## Analogous

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



59B284



03B4A9



00B2CC

# Triad

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



03B4A9



B094DB



CF955E

# Complementary

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



03B4A9



B4030E

# 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.



E38976



03B4A9



D688BD

# Square

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



03B4A9



78A1E9



E68499



AFA257

# Rectangle

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



03B4A9



00AFDD



E68499



D79164



# Sweetspot

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



03B4A9



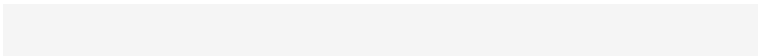
A4EBE6



0FB403



4B7573



F5F5F5



757575



# Same Dimension

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



03B4A9



00EBDC



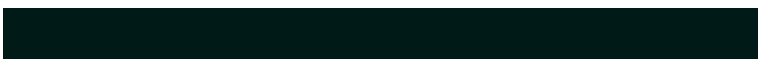
0367B4



505959



00998F



001A18



# Inverse Universe

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



B4030E



EB000F



B45003



595051



99000A

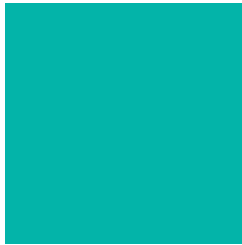


1A0002



# Previews

## White Background



This preview shows how the Hex color 03B4A9 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 03B4A9 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 03B4A9 Background



This preview shows how black text looks on a background with the Hex color 03B4A9.

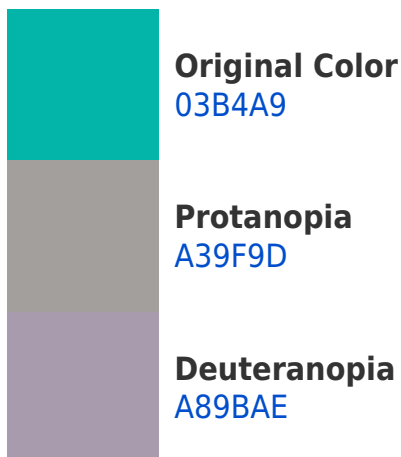


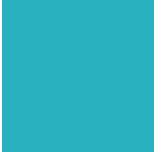
This preview shows how white text looks on a background with the Hex color 03B4A9.

# 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**  
29B1BF

# Trichromacy



**Original Color**  
03B4A9



**Protanomaly**  
69A7A1



**Deuteranomaly**  
6CA4AC



**Tritanomaly**  
1BB2B7

# Monochromacy



**Original Color**  
03B4A9



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
51928E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03B4A9 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 #03B4A9 looks like.

```
.text, #text, p{  
  color:#03B4A9  
}
```

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 #03B4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03B4A9
}
```

## Border

The CSS property to change the border of an element to Hex 03B4A9 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
#03B4A9 }
```

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

```
.border{ border-color:#03B4A9 }
```

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

Here you see how a box with a 4 pixel #03B4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03B4A9; -webkit-box-shadow:4px 4px  
4px 4px #03B4A9; box-shadow:4px 4px 4px  
4px #03B4A9 }
```

# Background

The CSS property to change the background color of an element to Hex 03B4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03B4A9 }
```

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

```
.background{ background-color:#03B4A9 }
```

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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