

# Converting Colors

Hex(05A99B)

Have a look what the booklet for  
Hex(05A99B) contains.

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**Color**

**Hex(05A99B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	05A99B
RGB	5, 169, 155
RGB Percent	2%, 66%, 61%
CMY	0.9804, 0.3373, 0.3922
CMYK	0.97, 0.00, 0.08, 0.34
HSL	175°, 94%, 34%
HSV	175°, 97%, 66%
XYZ	20.1669, 30.7748, 35.8876
YIQ	118.3680, -93.2500, -39.1220

# Conversions

## Conversions Part 2

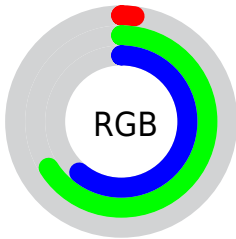
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 91, 169
Decimal	371099
CIELab	62.32, -39.35, -3.12
CIELCh	62, 39.477, 184.537
Yxy	30.7748, 0.2323, 0.3544
Android (android.graphics.Color)	4278561179 (0xFF05A99B)
YUV	118.3680, 18.0596, -99.4237
Hunter-Lab	55.4750, -32.1908, 0.4770

# Details

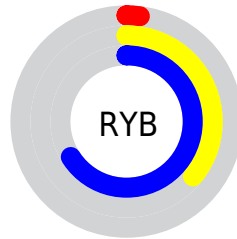
The Hex color **05A99B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90513**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **5FE1D1**, and **007468** is the 20% darker color. If you saturate the color by 10%, you get **00A99B**, and if you desaturate by 10%, it is **16A99C**.

# Distribution



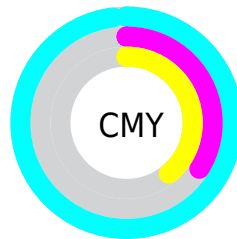
- Red (2%)
- Green (66%)
- Blue (61%)



- Red (2%)
- Yellow (36%)
- Blue (66%)



- Cyan (97%)
- Magenta (0%)
- Yellow (8%)
- Black (34%)



- Cyan (98%)
- Magenta (34%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 05A99B 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 05A99B by changing the saturation by 10% instead.



 05A99B

 05A99B

FFFFFF

 008E81

 5FE1D1

 007468

 7EFEEE

 005B50

 9CFFFF

 004239

 BAF0FF

 002C24

 D9FFFF

 00100F

 F7FFFF

 000000

 05A99B

 05A99B

 00A99B

 16A99C

 27A99E

 38A99F

 49A9A1

 59A9A2

 6AA9A4

 7BA9A5

 8CA9A7

 9DA9A8

# Harmonies

## Analogous

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



56A677



05A99B



00A8BD

# Triad

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



05A99B



A18CD0



C58A58

# Complementary

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



05A99B



A90513

# 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.



D77F71



05A99B



C780B5

# Square

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



05A99B



6998DC



D97A93



A8964F

# Rectangle

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



05A99B



00A5CF



D97A93



CD865F



# Sweetspot

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



05A99B



9CDBD6



15A905



476E6A



EDEDED



6E6E6E

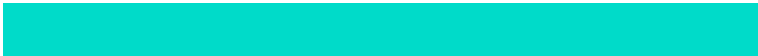


# Same Dimension

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



05A99B



00DBC9



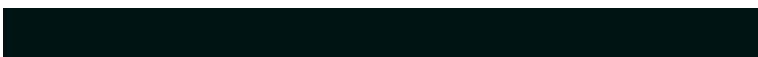
0567A9



4C5453



009487



001413



# Inverse Universe

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



A90513



DB0013



A94705



544C4C



94000D

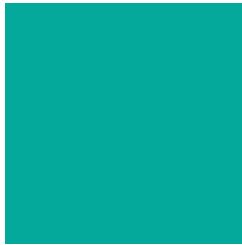


140002



# Previews

## White Background



This preview shows how the Hex color 05A99B looks on a white background.

## Color Contrast Check

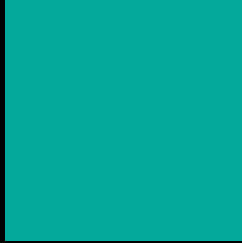
Large Text (above 18pt) WCAG AA × Fail

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 05A99B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

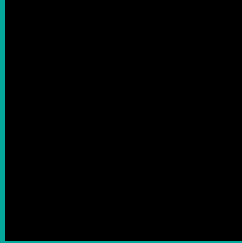
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 05A99B Background



This preview shows how black text looks on a background with the Hex color 05A99B.

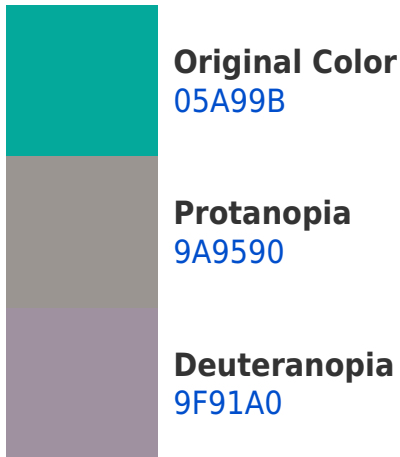


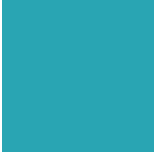
This preview shows how white text looks on a background with the Hex color 05A99B.

# 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**  
29A5B3

# Trichromacy



**Original Color**  
05A99B



**Protanomaly**  
649C94



**Deuteranomaly**  
679A9E



**Tritanomaly**  
1CA6AA

# Monochromacy



**Original Color**  
05A99B



**Achromatopsia**  
767676



**Achromatomaly**  
4D8983

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 05A99B 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 #05A99B looks like.

```
.text, #text, p{  
    color:#05A99B  
}
```

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 #05A99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05A99B
}
```

## Border

The CSS property to change the border of an element to Hex 05A99B 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
#05A99B }
```

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

```
.border{ border-color:#05A99B }
```

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

Here you see how a box with a 4 pixel #05A99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05A99B; -webkit-box-shadow:4px 4px  
4px 4px #05A99B; box-shadow:4px 4px 4px  
4px #05A99B }
```

# Background

The CSS property to change the background color of an element to Hex 05A99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05A99B }
```

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

```
.background{ background-color:#05A99B }
```

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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