

Converting Colors

Hex(05AB9B)

Have a look what the booklet for
Hex(05AB9B) contains.

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Color

Hex(05AB9B)

Conversions

Conversions Part 1

Format	Color
Hex	05AB9B
RGB	5, 171, 155
RGB Percent	2%, 67%, 61%
CMY	0.9804, 0.3294, 0.3922
CMYK	0.97, 0.00, 0.09, 0.33
HSL	174°, 94%, 35%
HSV	174°, 97%, 67%
XYZ	20.5419, 31.5246, 36.0125
YIQ	119.5420, -93.8000, -40.1680

Conversions

Conversions Part 2

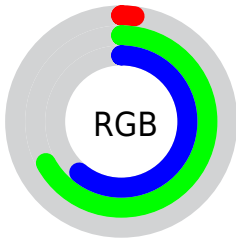
Format	Color
RYB	5, 92, 171
Decimal	371611
CIELab	62.95, -40.24, -2.20
CIElCh	63, 40.296, 183.123
Yxy	31.5246, 0.2332, 0.3579
Android (android.graphics.Color)	4278561691 (0xFF05AB9B)
YUV	119.5420, 17.4808, -100.4533
Hunter-Lab	56.1468, -32.9508, 1.2742

Details

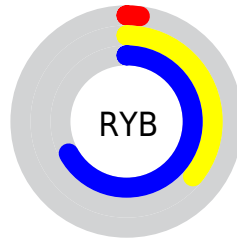
The Hex color **05AB9B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB0515**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **60E3D1**, and **007668** is the 20% darker color. If you saturate the color by 10%, you get **00AB9B**, and if you desaturate by 10%, it is **16AB9D**.

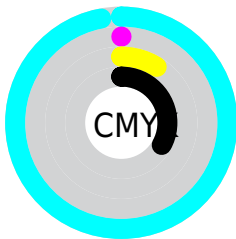
Distribution



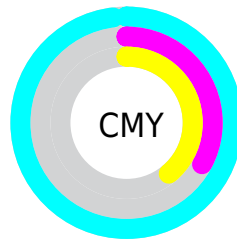
- Red (2%)
- Green (67%)
- Blue (61%)



- Red (2%)
- Yellow (36%)
- Blue (67%)



- Cyan (97%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (98%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05AB9B 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 05AB9B by changing the saturation by 10% instead.

 05AB9B

 05AB9B

FFFFFF

 009081

 60E3D1

 007668

 7FFFE0

 005C50

 9DFFFF

 004439

 BBFFFF

 002D24

 D9FFFF

 00130F

 F8FFFF

 000000

 05AB9B

 05AB9B

 00AB9B

 16AB9D

 27AB9E

 38ABA0

 49ABA2

 5BABA3

 6CABA5

 7DABA7

 8EABA8

 9FABAA

Harmonies

Analogous

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



59A877



05AB9B



00AABE

Triad

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



05AB9B



A18ED4



C98B59

Complementary

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



05AB9B



AB0515

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.



DA8073



05AB9B



C881B9

Square

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



05AB9B



669BE0



DB7B96



AB974F

Rectangle

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



05AB9B



00A7D1



DB7B96



D08760

Sweetspot

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



05AB9B



9EDED8



16AB05



49706C



F0F0F0



707070

Same Dimension

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



05AB9B



00DEC8



0569AB



4E5756



009688



001715

Inverse Universe

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



AB0515



DE0015



AB4705



574E4F



96000F



170002

Previews

White Background



This preview shows how the Hex color 05AB9B 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 05AB9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

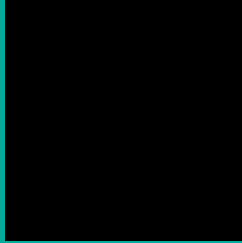
Any Text WCAG AA ✓ Pass

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 05AB9B Background



This preview shows how black text looks on a background with the Hex color 05AB9B.

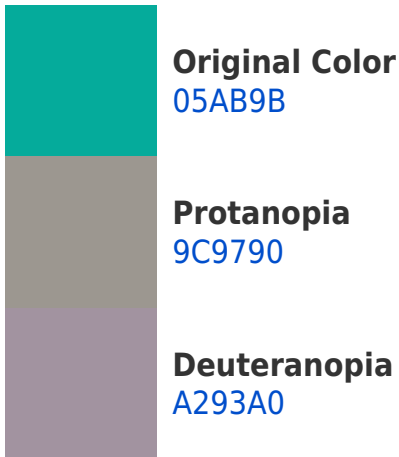


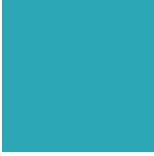
This preview shows how white text looks on a background with the Hex color 05AB9B.

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



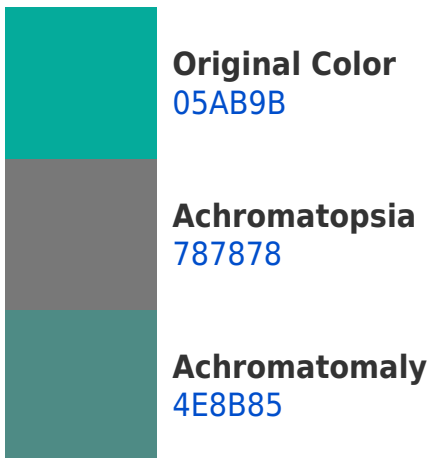


Tritanopia
2BA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 05AB9B 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 #05AB9B looks like.

```
.text, #text, p{  
    color:#05AB9B  
}
```

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 #05AB9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05AB9B
}
```

Border

The CSS property to change the border of an element to Hex 05AB9B 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
#05AB9B }
```

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

```
.border{ border-color:#05AB9B }
```

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

Here you see how a box with a 4 pixel #05AB9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05AB9B; -webkit-box-shadow:4px 4px  
4px 4px #05AB9B; box-shadow:4px 4px 4px  
4px #05AB9B }
```

Background

The CSS property to change the background color of an element to Hex 05AB9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05AB9B }
```

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

```
.background{ background-color:#05AB9B }
```

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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