

Converting Colors

Hex(09A9B3)

Have a look what the booklet for
Hex(09A9B3) contains.

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Color

Hex(09A9B3)

Conversions

Conversions Part 1

Format	Color
Hex	09A9B3
RGB	9, 169, 179
RGB Percent	4%, 66%, 70%
CMY	0.9647, 0.3373, 0.2980
CMYK	0.95, 0.06, 0.00, 0.30
HSL	184°, 90%, 37%
HSV	184°, 95%, 70%
XYZ	22.4373, 31.6887, 47.5818
YIQ	122.3000, -98.5700, -30.8100

Conversions

Conversions Part 2

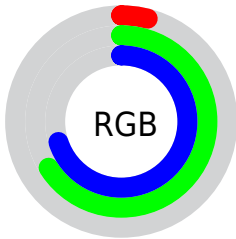
Format	Color
RYB	9, 91, 179
Decimal	633267
CIELab	63.08, -31.87, -15.42
CIELCh	63, 35.401, 205.820
Yxy	31.6887, 0.2206, 0.3116
Android (android.graphics.Color)	4278823347 (0xFF09A9B3)
YUV	122.3000, 27.9531, -99.3641
Hunter-Lab	56.2927, -27.3652, -10.7104

Details

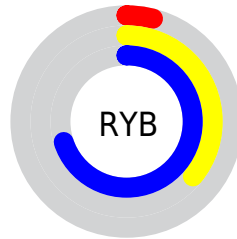
The Hex color **09A9B3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B31309**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **63E1EB**, and **00747E** is the 20% darker color. If you saturate the color by 10%, you get **00A8B3**, and if you desaturate by 10%, it is **1BAAB3**.

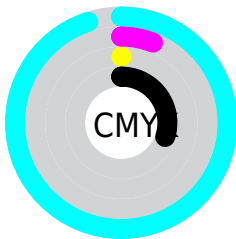
Distribution



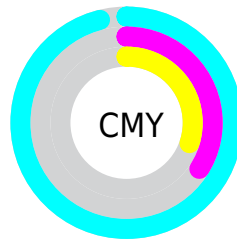
- Red (4%)
- Green (66%)
- Blue (70%)



- Red (4%)
- Yellow (36%)
- Blue (70%)



- Cyan (95%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (96%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09A9B3 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 09A9B3 by changing the saturation by 10% instead.

09A9B3

09A9B3

FFFFFF

008E98

63E1EB

00747E

82FEFF

005B65

A1FFFF

00434D

BFFFFFF

002C37

DEFFFF

001421

FCFFFF

000009

000000

09A9B3

09A9B3

00A8B3

1BAAB3

2DABB3

3FACB3

51ADB3

62AEB3

74AFB3

86B0B3

98B1B3

AAB2B3

Harmonies

Analogous

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



41A993



09A9B3



26A5CC

Triad

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



09A9B3



BC87BC



B19559

Complementary

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



09A9B3



B31309

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.



C98A66



09A9B3



D2809E

Square

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



09A9B3



9692D1



D6827F



919F5F

Rectangle

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



09A9B3



4FA0D5



D6827F



BA925C

Sweetspot

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



09A9B3



A7E4E8



09B311



4D7375



F5F5F5



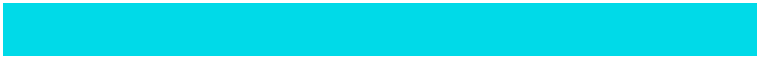
757575

Same Dimension

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



09A9B3



00DAE8



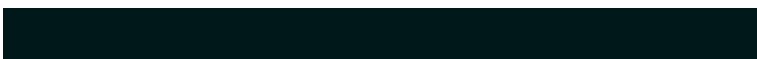
0956B3



505959



009099



00181A

Inverse Universe

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



B309A9



E800DA



B36609



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color 09A9B3 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 09A9B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

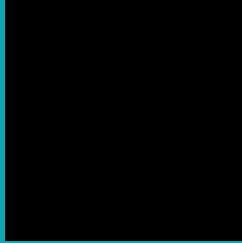
Any Text WCAG AA ✓ Pass

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 09A9B3 Background



This preview shows how black text looks on a background with the Hex color 09A9B3.

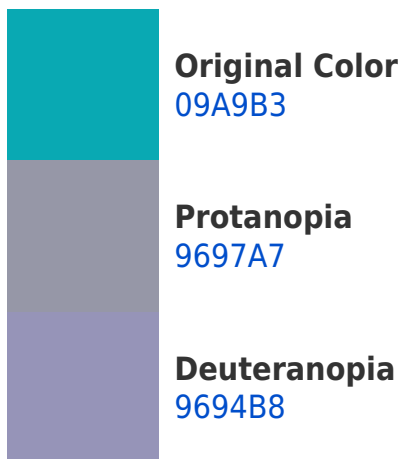


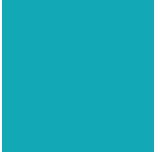
This preview shows how white text looks on a background with the Hex color 09A9B3.

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
13A8B6

Trichromacy



Original Color
09A9B3



Protanomaly
639EAB



Deuteranomaly
639CB6



Tritanomaly
0FA8B5

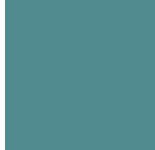
Monochromacy



Original Color
09A9B3



Achromatopsia
7A7A7A



Achromatomaly
518B8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 09A9B3 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 #09A9B3 looks like.

```
.text, #text, p{  
    color:#09A9B3  
}
```

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 #09A9B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09A9B3
}
```

Border

The CSS property to change the border of an element to Hex 09A9B3 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
#09A9B3 }
```

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

```
.border{ border-color:#09A9B3 }
```

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

Here you see how a box with a 4 pixel #09A9B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09A9B3; -webkit-box-shadow:4px 4px  
4px 4px #09A9B3; box-shadow:4px 4px 4px  
4px #09A9B3 }
```

Background

The CSS property to change the background color of an element to Hex 09A9B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09A9B3 }
```

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

```
.background{ background-color:#09A9B3 }
```

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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