

# Converting Colors

Hex(09AEB4)

Have a look what the booklet for  
Hex(09AEB4) contains.

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# Color

Hex(09AEB4)

# Conversions

## Conversions Part 1

Format	Color
Hex	09AEB4
RGB	9, 174, 180
RGB Percent	4%, 68%, 71%
CMY	0.9647, 0.3176, 0.2941
CMYK	0.95, 0.03, 0.00, 0.29
HSL	182°, 90%, 37%
HSV	182°, 95%, 71%
XYZ	23.4869, 33.6255, 48.4325
YIQ	125.3490, -100.2660, -33.1140

# Conversions

## Conversions Part 2

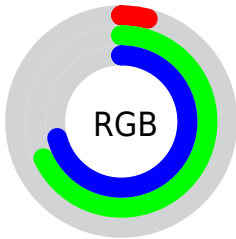
Format	Color
<a href="#">RYB</a>	<a href="#">9, 93, 180</a>
Decimal	<a href="#">634548</a>
CIELab	<a href="#">64.66, -33.93, -13.59</a>
CIELCh	<a href="#">65, 36.551, 201.835</a>
Yxy	<a href="#">33.6255, 0.2225, 0.3186</a>
Android (android.graphics.Color)	<a href="#">4278824628 (0xFF09AEB4)</a>
YUV	<a href="#">125.3490, 26.9429, -102.0381</a>
Hunter-Lab	<a href="#">57.9875, -29.1794, -8.9292</a>

# Details

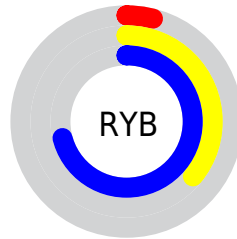
The Hex color **09AEB4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B40F09**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **64E6EC**, and **00797F** is the 20% darker color. If you saturate the color by 10%, you get **00AEB4**, and if you desaturate by 10%, it is **1BAFB4**.

# Distribution



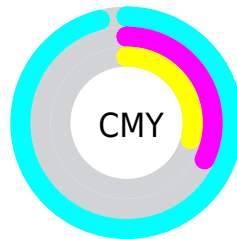
- Red (4%)
- Green (68%)
- Blue (71%)



- Red (4%)
- Yellow (36%)
- Blue (71%)



- Cyan (95%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (96%)
- Magenta (32%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09AEB4 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 09AEB4 by changing the saturation by 10% instead.



 09AEB4

 09AEB4

FFFFFF

 009399

 64E6EC

 00797F

 84FFFF

 006066

 A2FFFF

 00474E

 C1FFFF

 003037

 DFFFFF

 001A22

FEFFFF

 00000B

 000000

 09AEB4

 09AEB4

00AEB4

1BAFB4

2DAFB4

3FB0B4

51B1B4

63B1B4

75B2B4

87B2B4

99B3B4

ABB4B4

# Harmonies

## Analogous

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



48AE92



09AEB4



18AACF

# Triad

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



09AEB4



BD8CC6



BA985C

# Complementary

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



09AEB4



B40F09

# 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.



D28D6B



09AEB4



D684A7

# Square

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



09AEB4



9398D9



DC8486



9AA25F

# Rectangle

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



09AEB4



48A6DA



DC8486



C3945F



# Sweetspot

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



09AEB4



A7E8EB



09B40F



4C7475



F5F5F5



757575



# Same Dimension

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



09AEB4



00E2EB



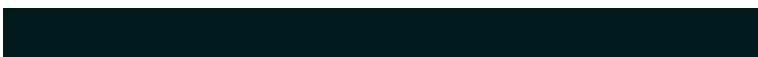
0959B4



505959



009499



00191A



# Inverse Universe

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



B409AE



EB00E2



B46409



595059



990094

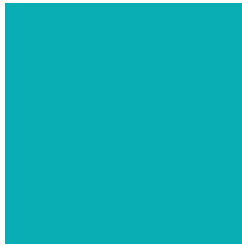


1A0019



# Previews

## White Background



This preview shows how the Hex color 09AEB4 looks on a white background.

## Color Contrast Check

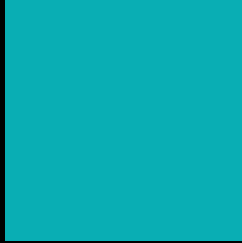
Large Text (above 18pt) WCAG AA × Fail

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 09AEB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

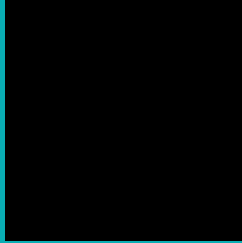
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

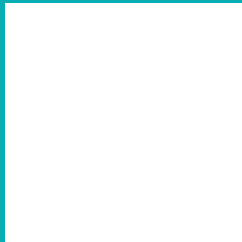
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 09AEB4 Background



This preview shows how black text looks on a background with the Hex color 09AEB4.

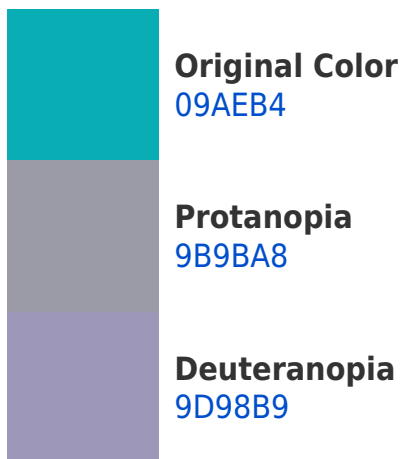


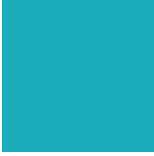
This preview shows how white text looks on a background with the Hex color 09AEB4.

# Color Blindness Simulation

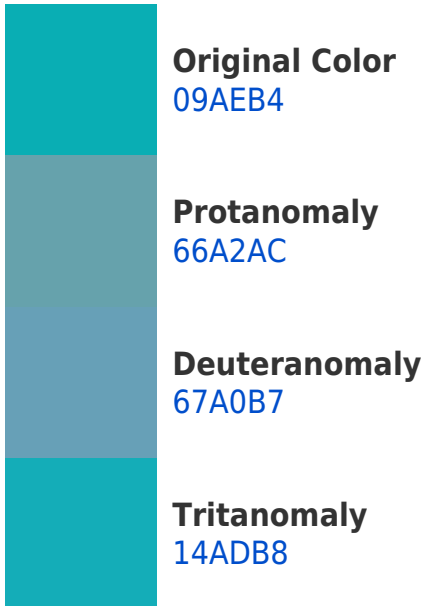
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

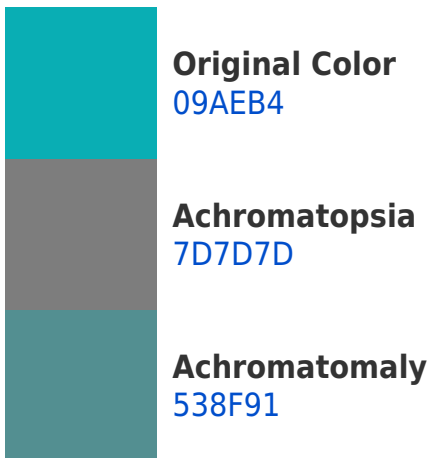




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09AEB4 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 #09AEB4 looks like.

```
.text, #text, p{  
    color:#09AEB4  
}
```

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 #09AEB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09AEB4
}
```

## Border

The CSS property to change the border of an element to Hex 09AEB4 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
#09AEB4 }
```

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

```
.border{ border-color:#09AEB4 }
```

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

Here you see how a box with a 4 pixel #09AEB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09AEB4; -webkit-box-shadow:4px 4px  
4px 4px #09AEB4; box-shadow:4px 4px 4px  
4px #09AEB4 }
```

# Background

The CSS property to change the background color of an element to Hex 09AEB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09AEB4 }
```

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

```
.background{ background-color:#09AEB4 }
```

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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