

# Converting Colors

Hex(009EAD)

Have a look what the booklet for  
Hex(009EAD) contains.

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# Color

**Hex(009EAD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009EAD
RGB	0, 158, 173
RGB Percent	0%, 62%, 68%
CMY	1.0000, 0.3804, 0.3216
CMYK	1.00, 0.09, 0.00, 0.32
HSL	185°, 100%, 34%
HSV	185°, 100%, 68%
XYZ	19.7697, 27.4708, 43.7956
YIQ	112.4680, -98.9830, -28.8310

# Conversions

## Conversions Part 2

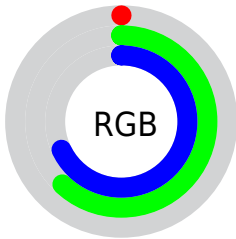
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 173
Decimal	40621
CIELab	59.41, -28.78, -17.62
CIELCh	59, 33.749, 211.474
Yxy	27.4708, 0.2172, 0.3018
Android (android.graphics.Color)	4278230701 (0xFF009EAD)
YUV	112.4680, 29.8423, -98.6344
Hunter-Lab	52.4126, -24.3932, -12.8534

# Details

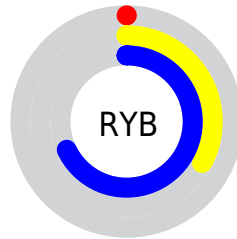
The Hex color **009EAD** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD0F00**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5FD5E4**, and **006A79** is the 20% darker color. If you saturate the color by 10%, you get **009EAD**, and if you desaturate by 10%, it is **119FAD**.

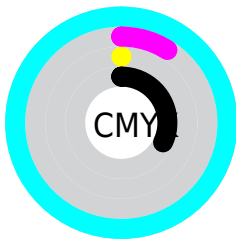
# Distribution



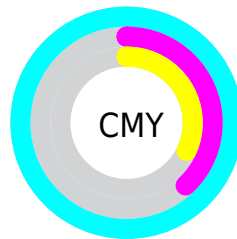
- Red (0%)
- Green (62%)
- Blue (68%)



- Red (0%)
- Yellow (33%)
- Blue (68%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (38%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 009EAD 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 009EAD by changing the saturation by 10% instead.



 009EAD

 009EAD

FFFFFF

 008492

 5FD5E4

 006A79

 7EF2FF

 005160

 9CFFFF

 003A48

 BAF0FF

 002532


 D8FFFF

 00021D

 F7FFFF

 000000

 009EAD

 119FAD

 23A1AD

 34A3AD

 45A4AD

 57A6AD

 68A7AD

 79A9AD

 8AAAAD

 9CACAD

# Harmonies

## Analogous

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



349F90



009EAD



2F9AC2

# Triad

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



009EAD



B67DAC



A18E53

# Complementary

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



009EAD



AD0F00

# 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.



B9835C



009EAD



C7788F

# Square

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



009EAD



9487C2



C77B72



82965B

# Rectangle

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



009EAD



5495C9



C77B72



AA8A54



# Sweetspot

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



009EAD



9DDBE0



00AD0E



486D70



F0F0F0



707070

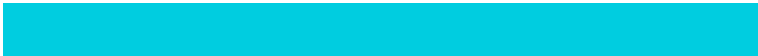


# Same Dimension

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



009EAD



00CDE0



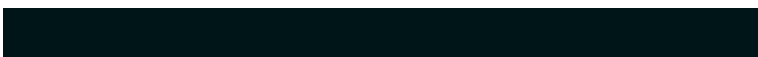
0048AD



4E5657



008996



001517



# Inverse Universe

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



AD009E



E000CD



AD6500



574E56



960089



170015



# Previews

## White Background



This preview shows how the Hex color 009EAD looks on a white background.

## Color Contrast Check

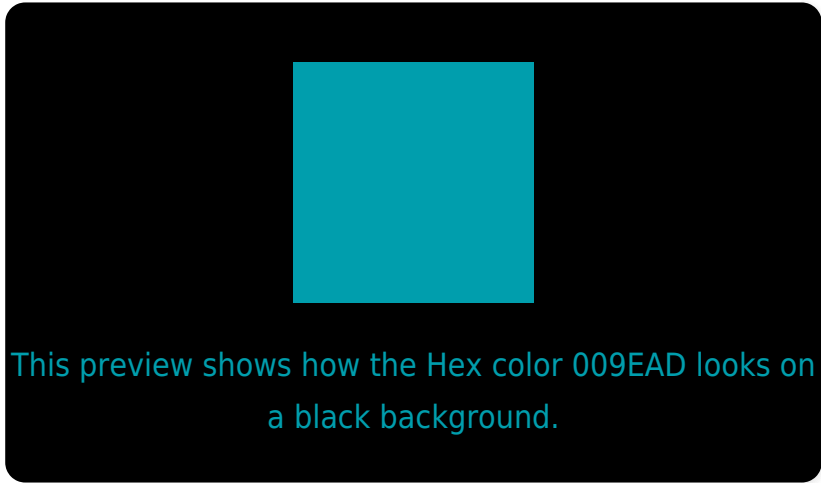
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

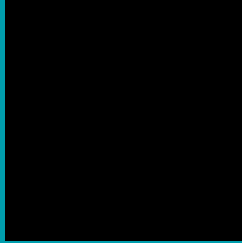
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009EAD Background



This preview shows how black text looks on a background with the Hex color 009EAD.

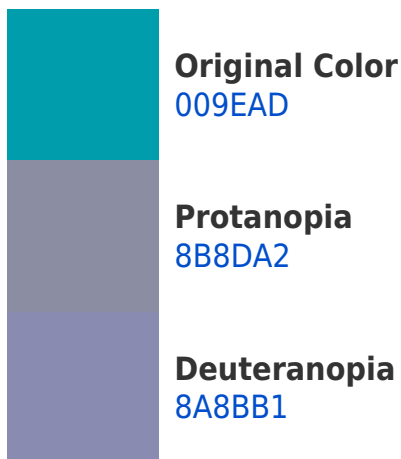


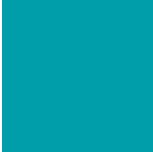
This preview shows how white text looks on a background with the Hex color 009EAD.

# 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**  
009EAB

# Trichromacy



**Original Color**  
009EAD



**Protanomaly**  
5893A6



**Deuteranomaly**  
5892B0



**Tritanomaly**  
009EAC

# Monochromacy



**Original Color**  
009EAD



**Achromatopsia**  
707070



**Achromatomaly**  
478186

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009EAD 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 #009EAD looks like.

```
.text, #text, p{  
    color:#009EAD  
}
```

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 #009EAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009EAD
}
```

## Border

The CSS property to change the border of an element to Hex 009EAD 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
#009EAD }
```

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

```
.border{ border-color:#009EAD }
```

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

Here you see how a box with a 4 pixel #009EAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009EAD; -webkit-box-shadow:4px 4px  
4px 4px #009EAD; box-shadow:4px 4px 4px  
4px #009EAD }
```

# Background

The CSS property to change the background color of an element to Hex 009EAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009EAD }
```

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

```
.background{ background-color:#009EAD }
```

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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