

# Converting Colors

Hex(009AB4)

Have a look what the booklet for  
Hex(009AB4) contains.

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# Color

**Hex(009AB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009AB4
RGB	0, 154, 180
RGB Percent	0%, 60%, 71%
CMY	1.0000, 0.3961, 0.2941
CMYK	1.00, 0.14, 0.00, 0.29
HSL	189°, 100%, 35%
HSV	189°, 100%, 71%
XYZ	19.7938, 26.4065, 47.2337
YIQ	110.9180, -100.1300, -24.5620

# Conversions

## Conversions Part 2

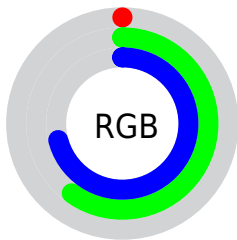
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 83, 180
Decimal	39604
CIELab	58.42, -24.41, -23.09
CIELCh	58, 33.600, 223.406
Yxy	26.4065, 0.2118, 0.2826
Android (android.graphics.Color)	4278229684 (0xFF009AB4)
YUV	110.9180, 34.0574, -97.2751
Hunter-Lab	51.3872, -21.1714, -18.5267

# Details

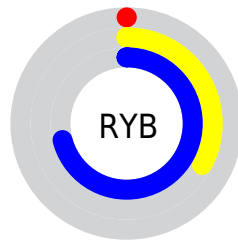
The Hex color **009AB4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B41A00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5FD1EC**, and **00677F** is the 20% darker color. If you saturate the color by 10%, you get **009AB4**, and if you desaturate by 10%, it is **129DB4**.

# Distribution



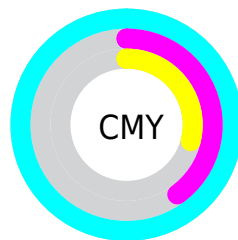
- Red (0%)
- Green (60%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (40%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 009AB4 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 009AB4 by changing the saturation by 10% instead.




 009AB4

 009AB4

FFFFFF

 008099

 5FD1EC

 00677F

 7FEDFF

 004E66

 9DFFFF

 00374E

 BBFFFF

 002237

 D9FFFF

 000222

 F8FFFF

 000008

 000000

 009AB4

 129DB4

 249FB4

 36A2B4

 48A4B4

 5AA7B4

 6CAAB4

 7EACB4

 90AFB4

 A2B1B4

# Harmonies

## Analogous

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



1D9C99



009AB4



4394C4

# Triad

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



009AB4



BB779E



938F52

# Complementary

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



009AB4



B41A00

# 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.



AE8554



009AB4



C67680

# Square

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



009AB4



A180B7



C07B65



729761

# Rectangle

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



009AB4



678EC7



C07B65



9C8C51



# Sweetspot

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



009AB4



A4E0EB



00B418



4B6F75



F5F5F5



757575



# Same Dimension

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



009AB4



00C9EB



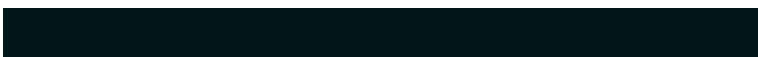
0042B4



505859



008399



00161A



# Inverse Universe

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



B4009A



EB00C9



B47200



595058



990083



1A0016



# Previews

## White Background



This preview shows how the Hex color 009AB4 looks on a white background.

## Color Contrast Check

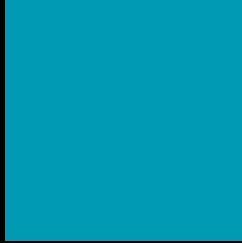
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 009AB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

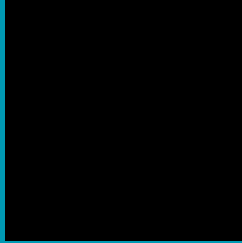
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

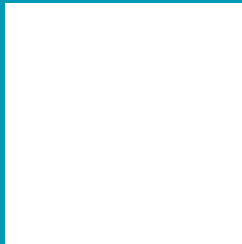
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 009AB4 Background



This preview shows how black text looks on a background with the Hex color 009AB4.

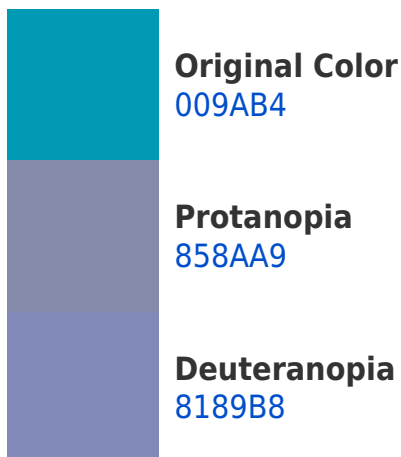


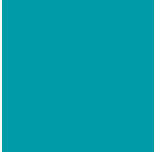
This preview shows how white text looks on a background with the Hex color 009AB4.

# 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**  
009BA8

# Trichromacy



**Original Color**  
009AB4



**Protanomaly**  
5590AD



**Deuteranomaly**  
528FB7



**Tritanomaly**  
009BAC

# Monochromacy



**Original Color**  
009AB4



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
477F88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 009AB4 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 #009AB4 looks like.

```
.text, #text, p{  
    color:#009AB4  
}
```

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 #009AB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009AB4
}
```

## Border

The CSS property to change the border of an element to Hex 009AB4 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
#009AB4 }
```

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

```
.border{ border-color:#009AB4 }
```

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

Here you see how a box with a 4 pixel #009AB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009AB4; -webkit-box-shadow:4px 4px  
4px 4px #009AB4; box-shadow:4px 4px 4px  
4px #009AB4 }
```

# Background

The CSS property to change the background color of an element to Hex 009AB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009AB4 }
```

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

```
.background{ background-color:#009AB4 }
```

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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