

Converting Colors

Hex(009CAF)

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

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Color

Hex(009CAF)

Conversions

Conversions Part 1

Format	Color
Hex	009CAF
RGB	0, 156, 175
RGB Percent	0%, 61%, 69%
CMY	1.0000, 0.3882, 0.3137
CMYK	1.00, 0.11, 0.00, 0.31
HSL	187°, 100%, 34%
HSV	187°, 100%, 69%
XYZ	19.6263, 26.8721, 44.7099
YIQ	111.5220, -99.0750, -27.1630

Conversions

Conversions Part 2

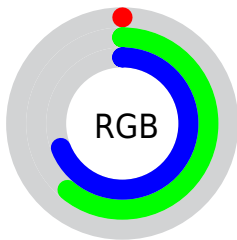
Format	Color
RYB	0, 82, 175
Decimal	40111
CIELab	58.86, -27.12, -19.59
CIELCh	59, 33.459, 215.843
Yxy	26.8721, 0.2152, 0.2946
Android (android.graphics.Color)	4278230191 (0xFF009CAF)
YUV	111.5220, 31.2947, -97.8048
Hunter-Lab	51.8383, -23.1357, -14.8501

Details

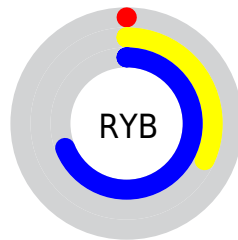
The Hex color **009CAF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF1300**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5FD3E7**, and **00687B** is the 20% darker color. If you saturate the color by 10%, you get **009CAF**, and if you desaturate by 10%, it is **119EAF**.

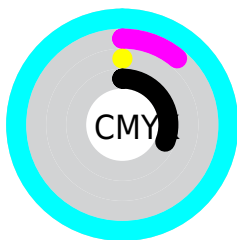
Distribution



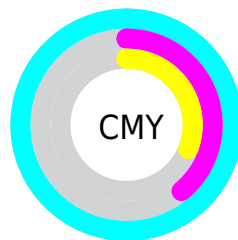
- Red (0%)
- Green (61%)
- Blue (69%)



- Red (0%)
- Yellow (32%)
- Blue (69%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)




- Cyan (100%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 009CAF

 009CAF

FFFFFF

 008294

 5FD3E7

 00687B

 7EEFFF

 005062

 9CFFFF

 00384A

 BAFFFF

 002333

 D9FFFF


 00021E

 F7FFFF

 000001

 000000

 009CAF

 119EAF

 23A0AF

 35A2AF

 46A4AF

 58A6AF

 69A7AF

 7AA9AF

 8CABAF

 9EADAF

Harmonies

Analogous

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



2D9D93



009CAF



3797C2

Triad

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



009CAF



B77AA6



9B8E52

Complementary

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



009CAF



AF1300

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.



B58459



009CAF



C67789

Square

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



009CAF



9884BD



C47A6D



7C965D

Rectangle

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



009CAF



5B92C8



C47A6D



A58A53

Sweetspot

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



009CAF



9FDCE3



00AF11



496E73



F2F2F2



737373

Same Dimension

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



009CAF



00CAE3



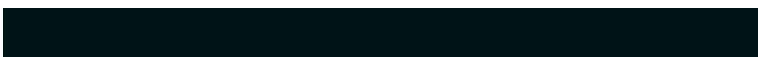
0046AF



4E5657



008696



001417

Inverse Universe

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



AF009C



E300CA



AF6900



574E56



960086



170014

Previews

White Background



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

Color Contrast Check

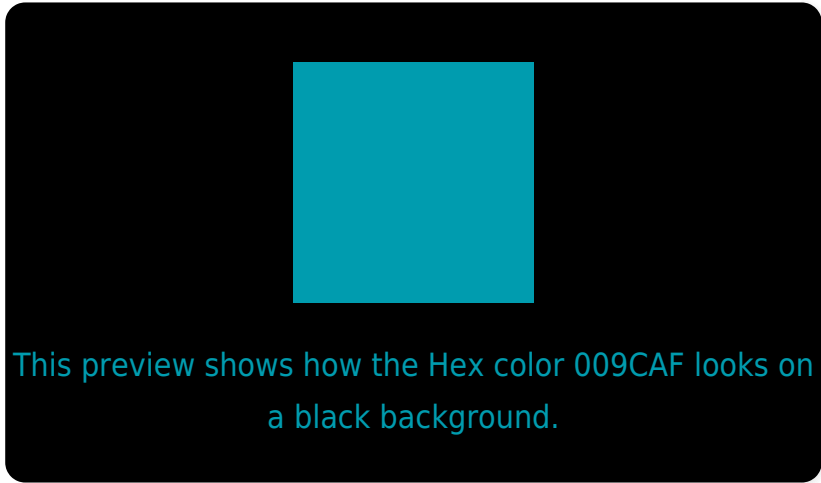
Large Text (above 18pt) WCAG AA ✓ Pass

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

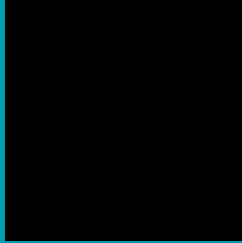
Any Text WCAG AA ✓ Pass

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 009CAF Background



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

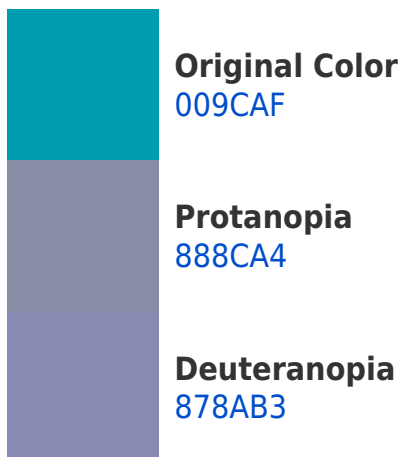


This preview shows how white text looks on a background with the Hex color 009CAF.

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



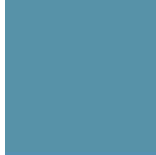


Tritanopia
009DA9

Trichromacy



Original Color
009CAF



Protanomaly
5792A8



Deuteranomaly
5691B2



Tritanomaly
009DAB

Monochromacy



Original Color
009CAF



Achromatopsia
707070



Achromatomaly
478087

CSS Examples

Text

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

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

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 #009CAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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