

Converting Colors

Hex(009BAF)

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

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Color

Hex(009BAF)

Conversions

Conversions Part 1

Format	Color
Hex	009BAF
RGB	0, 155, 175
RGB Percent	0%, 61%, 69%
CMY	1.0000, 0.3922, 0.3137
CMYK	1.00, 0.11, 0.00, 0.31
HSL	187°, 100%, 34%
HSV	187°, 100%, 69%
XYZ	19.4592, 26.5378, 44.6541
YIQ	110.9350, -98.8000, -26.6400

Conversions

Conversions Part 2

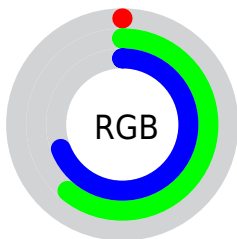
Format	Color
RYB	0, 82, 175
Decimal	39855
CIELab	58.54, -26.62, -20.07
CIELCh	59, 33.338, 217.011
Yxy	26.5378, 0.2147, 0.2927
Android (android.graphics.Color)	4278229935 (0xFF009BAF)
YUV	110.9350, 31.5840, -97.2900
Hunter-Lab	51.5149, -22.7245, -15.3334

Details

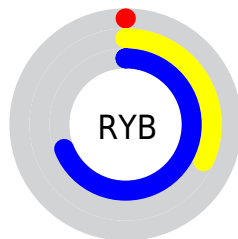
The Hex color **009BAF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF1400**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5ED2E7**, and **00677B** is the 20% darker color. If you saturate the color by 10%, you get **009BAF**, and if you desaturate by 10%, it is **119DAF**.

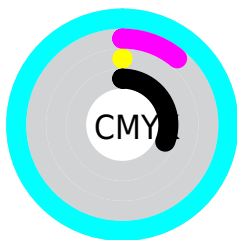
Distribution



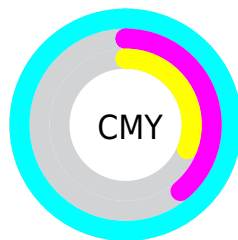
- Red (0%)
- Green (61%)
- Blue (69%)



- 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 009BAF 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 009BAF by changing the saturation by 10% instead.

009BAF

009BAF

FFFFFF

008194

5ED2E7

00677B

7EEEFF

004F62

9CFFFF

00384A

BAFFFF

002333

D8FFFF

00021E

F7FFFF

000001

000000

009BAF

 119DAF

 239FAF

 35A1AF

 46A3AF

 58A5AF

 69A7AF

 7AA9AF

 8CABAF

 9EADAF

Harmonies

Analogous

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



2B9C93



009BAF



3896C2

Triad

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



009BAF



B779A4



998D52

Complementary

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



009BAF



AF1400

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.



B38357



009BAF



C57687

Square

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



009BAF



9983BC



C37A6B



7A955D

Rectangle

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



009BAF



5D91C7



C37A6B



A38A52

Sweetspot

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



009BAF



9FDBE3



00AF11



496E73



F2F2F2



737373

Same Dimension

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



009BAF



00C9E3



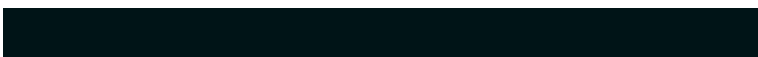
0046AF



4E5657



008596



001417

Inverse Universe

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



AF009B



E300C9



AF6900



574E56



960085



170014

Previews

White Background



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

Color Contrast Check

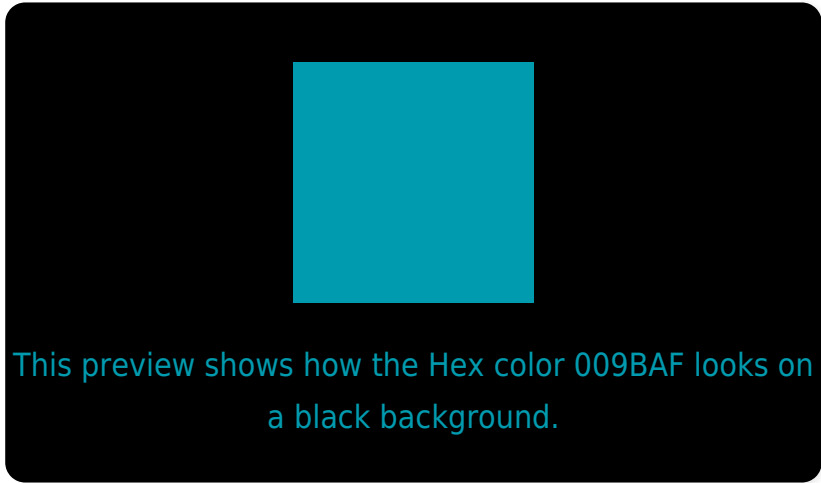
Large Text (above 18pt) WCAG AA ✓ Pass

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

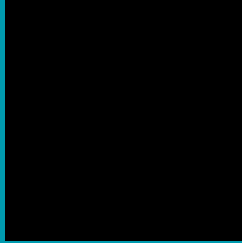
Any Text WCAG AA ✓ Pass

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 009BAF Background



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

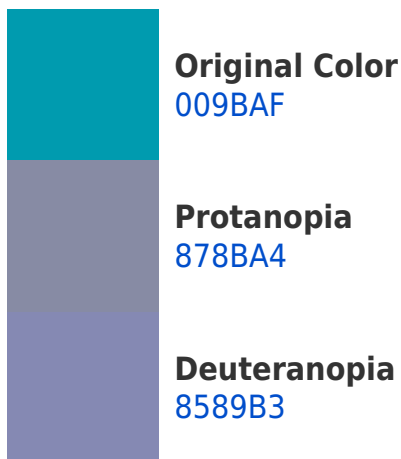


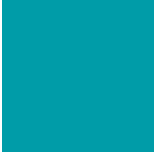
This preview shows how white text looks on a background with the Hex color 009BAF.

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](#).

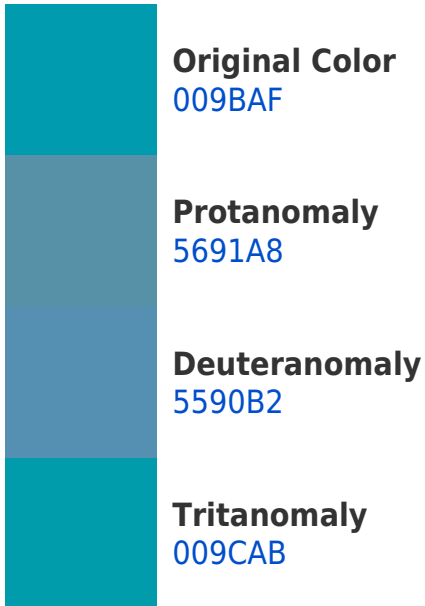
Dichromacy



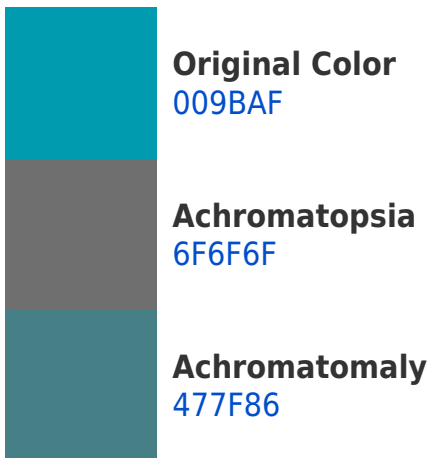


Tritanopia
009CA8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #009BAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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