

Converting Colors

Hex(009CA9)

Have a look what the booklet for
Hex(009CA9) contains.

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Color

Hex(009CA9)

Conversions

Conversions Part 1

Format	Color
Hex	009CA9
RGB	0, 156, 169
RGB Percent	0%, 61%, 66%
CMY	1.0000, 0.3882, 0.3373
CMYK	1.00, 0.08, 0.00, 0.34
HSL	185°, 100%, 33%
HSV	185°, 100%, 66%
XYZ	19.0499, 26.6415, 41.6744
YIQ	110.8380, -97.1490, -29.0290

Conversions

Conversions Part 2

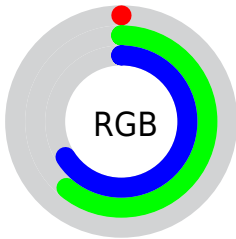
Format	Color
R _{YB}	0, 81, 169
Decimal	40105
CIE _{Lab}	58.64, -29.12, -16.52
CIE _{LCh}	59, 33.479, 209.567
Yxy	26.6415, 0.2180, 0.3049
Android (android.graphics.Color)	4278230185 (0xFF009CA9)
YUV	110.8380, 28.6739, -97.2049
Hunter-Lab	51.6154, -24.4473, -11.7401

Details

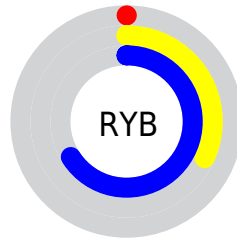
The Hex color **009CA9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A90D00**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5ED3E0**, and **006875** is the 20% darker color. If you saturate the color by 10%, you get **009CA9**, and if you desaturate by 10%, it is **119DA9**.

Distribution



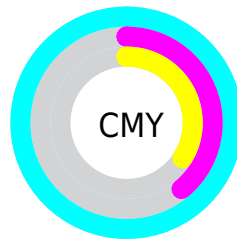
- Red (0%)
- Green (61%)
- Blue (66%)



- Red (0%)
- Yellow (32%)
- Blue (66%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)




- Cyan (100%)
- Magenta (39%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009CA9 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 009CA9 by changing the saturation by 10% instead.

 009CA9

 009CA9

FFFFFF

 00828F

 5ED3E0

 006875

 7DEFFD

 00505C

 9BFFFF

 003845

 B9FFFF

 00232E


 D7FFFF

 00011A

 F5FFFF

 000000

 009CA9

 119DA9

 229FA9

 33A0A9

 44A1A9

 54A3A9

 65A4A9

 76A5A9

 87A6A9

 98A8A9

Harmonies

Analogous

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



369D8C



009CA9



2998BF

Triad

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



009CA9



B27BAB



A18B52

Complementary

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



009CA9



A90D00

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.



B8815B



009CA9



C4768F

Square

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



009CA9



9086C0



C57972



829459

Rectangle

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



009CA9



4F93C6



C57972



A98853

Sweetspot

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



009CA9



9AD6DB



00A90B



466B6E



EDEDED



6E6E6E

Same Dimension

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



009CA9



00CADB



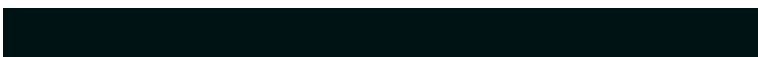
0049A9



4C5454



008994



001314

Inverse Universe

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



A9009C



DB00CA



A96000



544C54



940089



140013

Previews

White Background



This preview shows how the Hex color 009CA9 looks on a white background.

Color Contrast Check

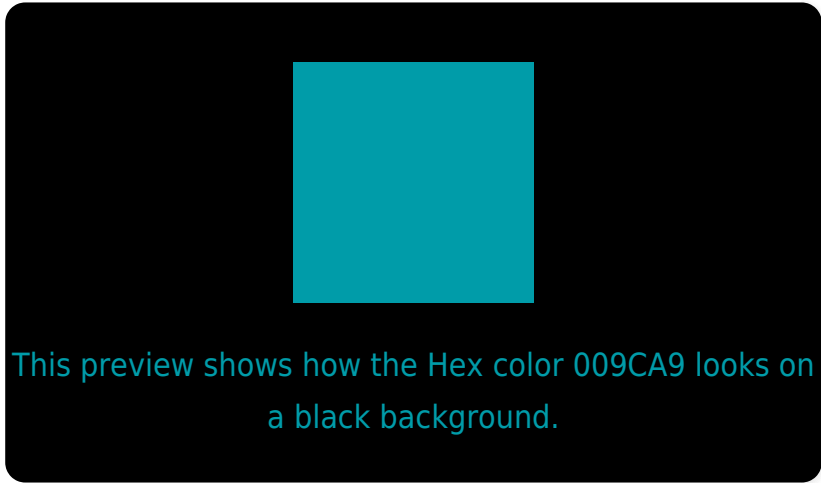
Large Text (above 18pt) WCAG AA ✓ Pass

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

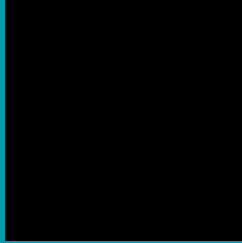
Any Text WCAG AA ✓ Pass

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 009CA9 Background



This preview shows how black text looks on a background with the Hex color 009CA9.

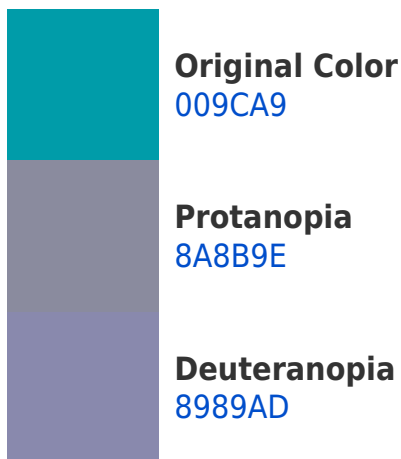


This preview shows how white text looks on a background with the Hex color 009CA9.

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



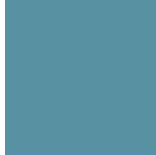


Tritanopia
009CA9

Trichromacy



Original Color
009CA9



Protanomaly
5891A2



Deuteranomaly
5790AC



Tritanomaly
009CA9

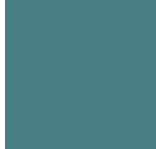
Monochromacy



Original Color
009CA9



Achromatopsia
6F6F6F



Achromatomaly
477F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 009CA9 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 #009CA9 looks like.

```
.text, #text, p{  
    color:#009CA9  
}
```

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 #009CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009CA9
}
```

Border

The CSS property to change the border of an element to Hex 009CA9 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
#009CA9 }
```

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

```
.border{ border-color:#009CA9 }
```

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

Here you see how a box with a 4 pixel #009CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009CA9; -webkit-box-shadow:4px 4px  
4px 4px #009CA9; box-shadow:4px 4px 4px  
4px #009CA9 }
```

Background

The CSS property to change the background color of an element to Hex 009CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009CA9 }
```

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

```
.background{ background-color:#009CA9 }
```

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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