

Converting Colors

Hex(009CA1)

Have a look what the booklet for
Hex(009CA1) contains.

Hex(009CA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(009CA1)

Conversions

Conversions Part 1

Format	Color
Hex	009CA1
RGB	0, 156, 161
RGB Percent	0%, 61%, 63%
CMY	1.0000, 0.3882, 0.3686
CMYK	1.00, 0.03, 0.00, 0.37
HSL	182°, 100%, 32%
HSV	182°, 100%, 63%
XYZ	18.3215, 26.3501, 37.8387
YIQ	109.9260, -94.5810, -31.5170

Conversions

Conversions Part 2

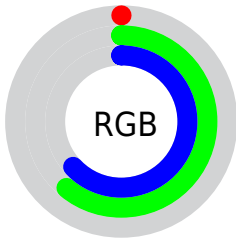
Format	Color
RYB	0, 79, 161
Decimal	40097
CIELab	58.37, -31.72, -12.39
CIELCh	58, 34.055, 201.338
Yxy	26.3501, 0.2221, 0.3194
Android (android.graphics.Color)	4278230177 (0xFF009CA1)
YUV	109.9260, 25.1795, -96.4051
Hunter-Lab	51.3324, -26.1217, -7.7718

Details

The Hex color **009CA1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A10500**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5CD3D8**, and **00686E** is the 20% darker color. If you saturate the color by 10%, you get **009CA1**, and if you desaturate by 10%, it is **109CA1**.

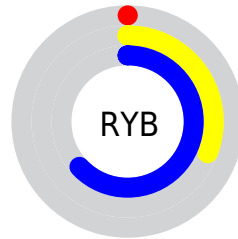
Distribution



Red (0%)

Green (61%)

Blue (63%)



Red (0%)

Yellow (31%)

Blue (63%)

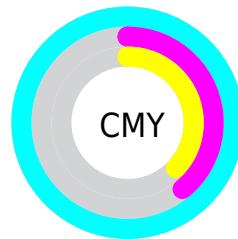


Cyan (100%)

Magenta (3%)

Yellow (0%)

Black (37%)



Cyan (100%)

















Magenta (39%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009CA1 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 009CA1 by changing the saturation by 10% instead.

 009CA1	 009CA1
 FFFFFFFF	 008287
 5CD3D8	 00686E
 7BF0F4	 004F55
 99FFFF	 00383E
 B7FFFF	 002428
 D5FFFF	 000114
 F4FFFF	 000000


 009CA1

 109CA1

 209DA1

 309EA1

 409EA1

 519FA1

 619FA1

 71A0A1

 81A0A1

 91A1A1

Harmonies

Analogous

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



3F9C82



009CA1



0C99BA

Triad

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



009CA1



A97DB2



A78851

Complementary

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



009CA1



A10500

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.



BD7D5F



009CA1



C07696

Square

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



009CA1



8388C4



C67678



8A9154

Rectangle

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



009CA1



3D95C4



C67678



B08454

Sweetspot

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



009CA1



92CFD1



00A103



436769



E8E8E8



696969

Same Dimension

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



009CA1



00CBD1



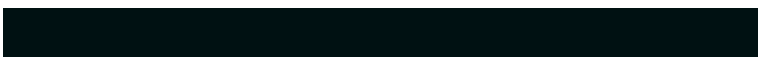
004EA1



495152



008D91



001112

Inverse Universe

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



A1009C



D100CB



A15300



524951



91008D



120011

Previews

White Background



This preview shows how the Hex color 009CA1 looks on a white background.

Color Contrast Check

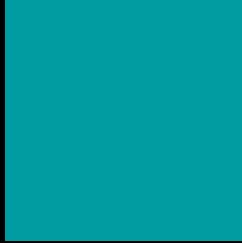
Large Text (above 18pt) WCAG AA ✓ Pass

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 009CA1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

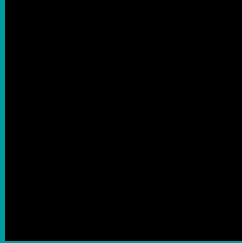
Any Text WCAG AA ✓ Pass

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 009CA1 Background



This preview shows how black text looks on a background with the Hex color 009CA1.

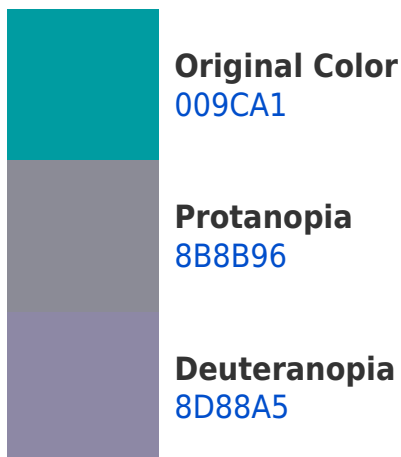


This preview shows how white text looks on a background with the Hex color 009CA1.

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



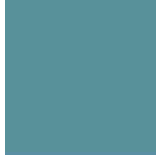


Tritanopia
179BA8

Trichromacy



Original Color
009CA1



Protanomaly
58919A



Deuteranomaly
5A8FA4



Tritanomaly
0F9BA5

Monochromacy



Original Color
009CA1



Achromatopsia
6E6E6E



Achromatomaly
467F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 009CA1 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 #009CA1 looks like.

```
.text, #text, p{  
    color:#009CA1  
}
```

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 #009CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009CA1
}
```

Border

The CSS property to change the border of an element to Hex 009CA1 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
#009CA1 }
```

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

```
.border{ border-color:#009CA1 }
```

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

Here you see how a box with a 4 pixel #009CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009CA1; -webkit-box-shadow:4px 4px  
4px 4px #009CA1; box-shadow:4px 4px 4px  
4px #009CA1 }
```

Background

The CSS property to change the background color of an element to Hex 009CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009CA1 }
```

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

```
.background{ background-color:#009CA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor