

# Converting Colors

Hex(009DCA)

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

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**Color**

**Hex(009DCA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	009DCA
RGB	0, 157, 202
RGB Percent	0%, 62%, 79%
CMY	1.0000, 0.3843, 0.2078
CMYK	1.00, 0.22, 0.00, 0.21
HSL	193°, 100%, 40%
HSV	193°, 100%, 79%
XYZ	22.7176, 28.3782, 60.1573
YIQ	115.1870, -108.0170, -19.2890

# Conversions

## Conversions Part 2

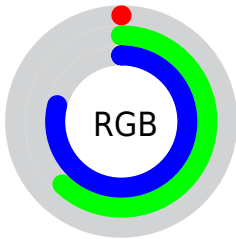
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 88, 202
Decimal	40394
CIELab	60.23, -18.28, -32.68
CIELCh	60, 37.445, 240.787
Yxy	28.3782, 0.2042, 0.2551
Android (android.graphics.Color)	4278230474 (0xFF009DCA)
YUV	115.1870, 42.7988, -101.0190
Hunter-Lab	53.2712, -17.1028, -29.6643

# Details

The Hex color **009DCA** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **CA2D00**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **64D4FF**, and **006A94** is the 20% darker color. If you saturate the color by 10%, you get **009DCA**, and if you desaturate by 10%, it is **14A2CA**.

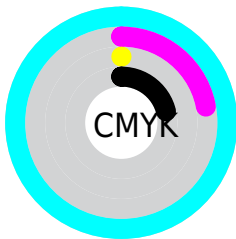
# Distribution



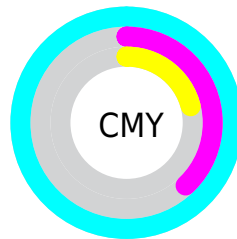
- Red (0%)
- Green (62%)
- Blue (79%)



- Red (0%)
- Yellow (35%)
- Blue (79%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (38%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 009DCA

 009DCA

FFFFFF

 0083AE

 64D4FF

 006A94

 84F0FF

 00517A

 A3FFFF

 003A61

 C2FFFF

 002549

 E0FFFF

 000632

 00021C

 000000

 009DCA

 14A2CA

 28A6CA

 3DABCA

 51AFCA

 65B3CA

 79B8CA

 8DBDCA

 A2C1CA

 B6C6CA

# Harmonies

## Analogous

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



00A2B2



009DCA



5F94D3

# Triad

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



009DCA



CE7792



839957

# Complementary

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



009DCA



CA2D00

# 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.



A5904E



009DCA



CF7A71

# Square

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



009DCA



BB7DB2



C08458



5BA070

# Rectangle

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



009DCA



858CCF



C08458



8F9652

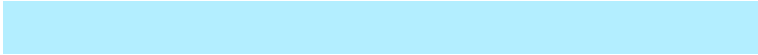


# Sweetspot

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



009DCA



B3EEFF



00CA2C



527580



000000



808080

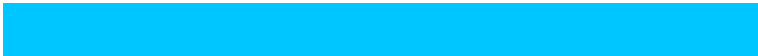


# Same Dimension

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



009DCA



00C6FF



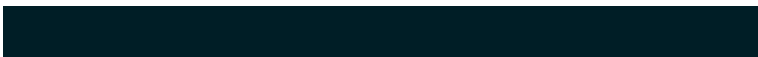
0039CA



5C6466



0081A6



001E26



# Inverse Universe

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



CA009D



FF00C6



CA9100



665C64



A60081



26001E



# Previews

## White Background



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

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

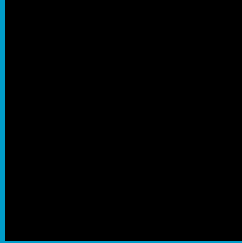
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 009DCA Background



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



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

# 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](#).

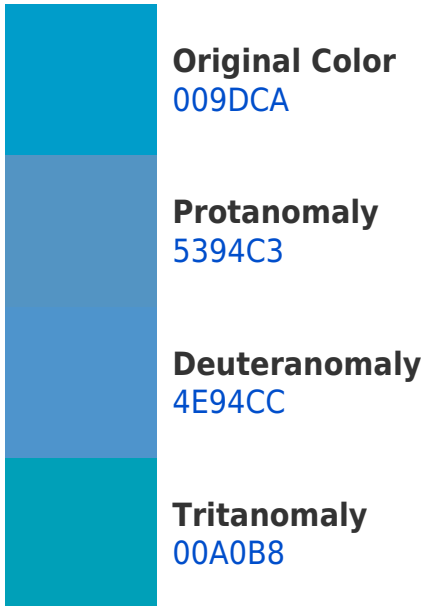
## Dichromacy





**Tritanopia**  
00A1AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #009DCA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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