

Converting Colors

Hex(008CA9)

Have a look what the booklet for
Hex(008CA9) contains.

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Color

Hex(008CA9)

Conversions

Conversions Part 1

Format	Color
Hex	008CA9
RGB	0, 140, 169
RGB Percent	0%, 55%, 66%
CMY	1.0000, 0.4510, 0.3373
CMYK	1.00, 0.17, 0.00, 0.34
HSL	190°, 100%, 33%
HSV	190°, 100%, 66%
XYZ	16.5395, 21.6207, 40.8376
YIQ	101.4460, -92.7490, -20.6610

Conversions

Conversions Part 2

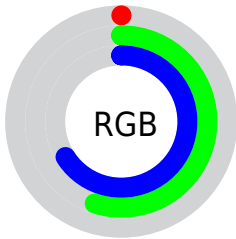
Format	Color
RYB	0, 77, 169
Decimal	36009
CIELab	53.62, -20.95, -24.19
CIELCh	54, 32.004, 229.110
Yxy	21.6207, 0.2094, 0.2737
Android (android.graphics.Color)	4278226089 (0xFF008CA9)
YUV	101.4460, 33.3041, -88.9681
Hunter-Lab	46.4981, -17.8787, -19.5236

Details

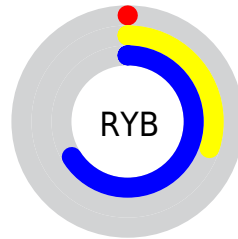
The Hex color **008CA9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A91D00**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5BC2E0**, and **005A75** is the 20% darker color. If you saturate the color by 10%, you get **008CA9**, and if you desaturate by 10%, it is **118FA9**.

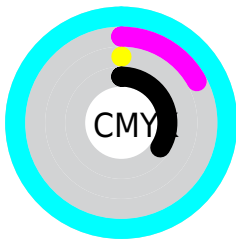
Distribution



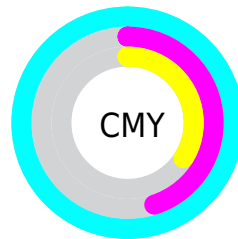
- Red (0%)
- Green (55%)
- Blue (66%)



- Red (0%)
- Yellow (30%)
- Blue (66%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (34%)



- Cyan (100%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008CA9 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 008CA9 by changing the saturation by 10% instead.

 008CA9

 008CA9

FFFFFF

 00728E

 5BC2E0

 005A75

 7ADEFD

 00425C

 98FAFF

 002C44

 B6FFFF

 00172E

 D4FFFF

 000119

 F2FFFF

 000000

 008CA9

 118FA9

 2292A9

 3395A9

 4498A9

 549BA9

 659DA9

 76A0A9

 87A3A9

 98A6A9

Harmonies

Analogous

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



038F91



008CA9



4486B6

Triad

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



008CA9



AF6B8B



80844B

Complementary

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



008CA9



A91D00

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.



9B7B4A



008CA9



B66B6F

Square

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



008CA9



9973A4



AE7258



618B5B

Rectangle

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



008CA9



6580B6



AE7258



8A8149

Sweetspot

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



008CA9



9AD0DB



00A91C



46676E



EDEDED



6E6E6E

Same Dimension

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



008CA9



00B6DB



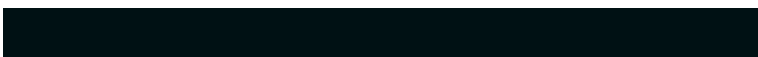
0038A9



4C5354



007B94



001114

Inverse Universe

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



A9008C



DB00B6



A97100



544C53



94007B



140011

Previews

White Background



This preview shows how the Hex color 008CA9 looks on a white background.

Color Contrast Check

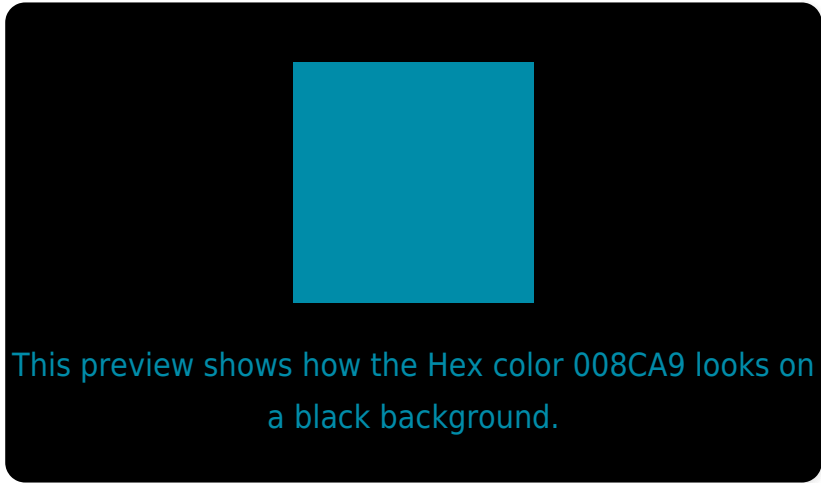
Large Text (above 18pt) WCAG AA ✓ Pass

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 008CA9 Background



This preview shows how black text looks on a background with the Hex color 008CA9.

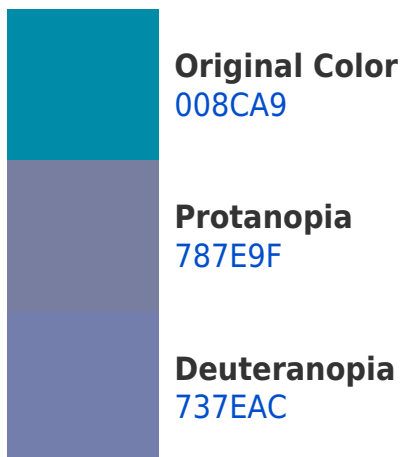


This preview shows how white text looks on a background with the Hex color 008CA9.

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
008E99

Trichromacy



Original Color
008CA9



Protanomaly
4C83A3



Deuteranomaly
4983AB



Tritanomaly
008D9F

Monochromacy



Original Color
008CA9



Achromatopsia
656565



Achromatomaly
40737E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008CA9 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 #008CA9 looks like.

```
.text, #text, p{  
    color:#008CA9  
}
```

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 #008CA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008CA9
}
```

Border

The CSS property to change the border of an element to Hex 008CA9 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
#008CA9 }
```

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

```
.border{ border-color:#008CA9 }
```

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

Here you see how a box with a 4 pixel #008CA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008CA9; -webkit-box-shadow:4px 4px  
4px 4px #008CA9; box-shadow:4px 4px 4px  
4px #008CA9 }
```

Background

The CSS property to change the background color of an element to Hex 008CA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008CA9 }
```

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

```
.background{ background-color:#008CA9 }
```

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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