

Converting Colors

Hex(009ADA)

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

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Color

Hex(009ADA)

Conversions

Conversions Part 1

Format	Color
Hex	009ADA
RGB	0, 154, 218
RGB Percent	0%, 60%, 85%
CMY	1.0000, 0.3961, 0.1451
CMYK	1.00, 0.29, 0.00, 0.15
HSL	198°, 100%, 43%
HSV	198°, 100%, 85%
XYZ	24.2105, 28.1732, 70.4916
YIQ	115.2500, -112.3280, -12.7440

Conversions

Conversions Part 2

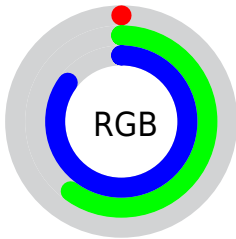
Format	Color
RYB	0, 90, 218
Decimal	39642
CIELab	60.04, -10.83, -41.91
CIELCh	60, 43.282, 255.511
Yxy	28.1732, 0.1970, 0.2293
Android (android.graphics.Color)	4278229722 (0xFF009ADA)
YUV	115.2500, 50.6557, -101.0743
Hunter-Lab	53.0784, -11.4685, -41.5862

Details

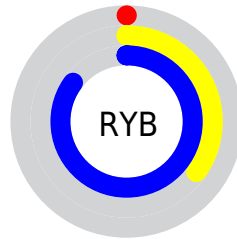
The Hex color **009ADA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **DA4000**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **67D0FF**, and **0067A3** is the 20% darker color. If you saturate the color by 10%, you get **009ADA**, and if you desaturate by 10%, it is **16A0DA**.

Distribution



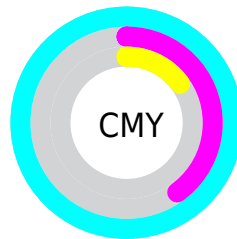
- Red (0%)
- Green (60%)
- Blue (85%)



- Red (0%)
- Yellow (35%)
- Blue (85%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 009ADA

 009ADA

FFFFFF

 0080BE

 67D0FF

 0067A3

 88ECFF

 004F88

 A7FFFF

 00396E

 C6FFFF

 002456

 E5FFFF

 00073E

 000327

 000111

 000000

■ 009ADA

■ 16A0DA

■ 2CA7DA

■ 41ADDA

■ 57B4DA

■ 6DBADA

■ 83C0DA

■ 99C7DA

■ AECDDA

■ C4D4DA

Harmonies

Analogous

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



00A1C6



009ADA



768EDA

Triad

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



009ADA



D9717E



699E59

Complementary

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



009ADA



DA4000

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.



949545



009ADA



D07A5C

Square

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



009ADA



CE73A5



B78846



2BA37C

Rectangle

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



009ADA



9D84CF



B78846



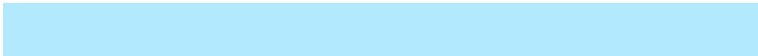
799B50

Sweetspot

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



009ADA



B3E9FF



00DA3E



527280



000000



808080

Same Dimension

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



009ADA



00B4FF



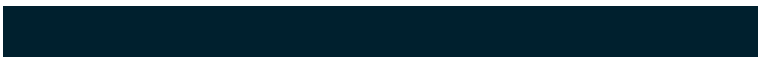
002FDA



636A6E



007AAD



00202E

Inverse Universe

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



DA009A



FF00B4



DAAB00



6E636A



AD007A



2E0020

Previews

White Background



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

Color Contrast Check

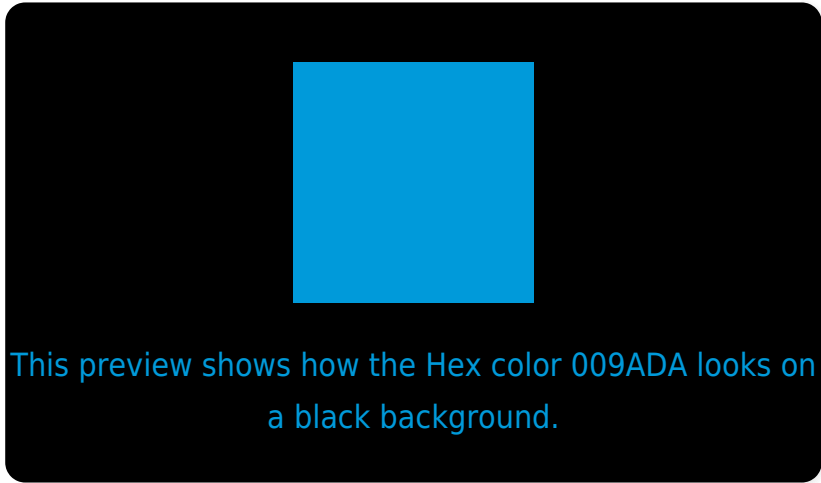
Large Text (above 18pt) WCAG AA ✓ Pass

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 009ADA Background



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

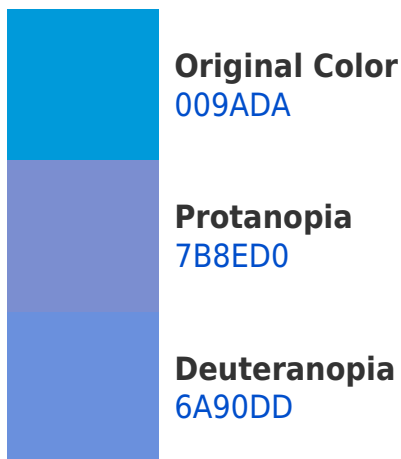


This preview shows how white text looks on a background with the Hex color 009ADA.

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
00A0AC

Trichromacy



Original Color
009ADA



Protanomaly
4E92D4



Deuteranomaly
4394DC



Tritanomaly
009EBD

Monochromacy



Original Color
009ADA



Achromatopsia
737373



Achromatomaly
498198

CSS Examples

Text

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

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

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 #009ADA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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