

Converting Colors

Hex(09AD02)

Have a look what the booklet for
Hex(09AD02) contains.

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Color

Hex(09AD02)

Conversions

Conversions Part 1

Format	Color
Hex	09AD02
RGB	9, 173, 2
RGB Percent	4%, 68%, 1%
CMY	0.9647, 0.3216, 0.9922
CMYK	0.95, 0.00, 0.99, 0.32
HSL	118°, 98%, 34%
HSV	118°, 99%, 68%
XYZ	15.0672, 29.9496, 5.0442
YIQ	104.4700, -42.8530, -87.9490

Conversions

Conversions Part 2

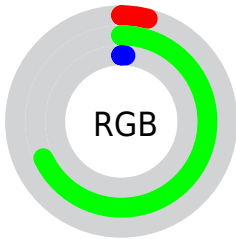
Format	Color
R_{YB}	2, 173, 166
Decimal	634114
CIE _{Lab}	61.61, -63.92, 61.98
CIE _{LCh}	62, 89.040, 135.884
Yxy	29.9496, 0.3010, 0.5983
Android (android.graphics.Color)	4278824194 (0xFF09AD02)
YUV	104.4700, -50.5177, -83.7272
Hunter-Lab	54.7262, -46.6264, 32.8435

Details

The Hex color **09AD02** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A602AD**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **62E64B**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **07AD00**, and if you desaturate by 10%, it is **1AAD13**.

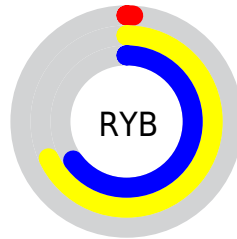
Distribution



Red (4%)

Green (68%)

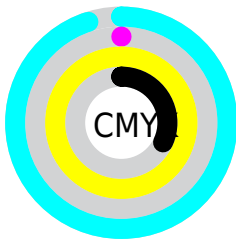
Blue (1%)



Red (1%)

Yellow (68%)

Blue (65%)

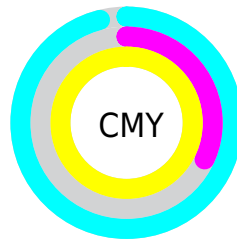


Cyan (95%)

Magenta (0%)

Yellow (99%)

Black (32%)



Cyan (96%)

Magenta (32%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09AD02 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 09AD02 by changing the saturation by 10% instead.

 09AD02

 09AD02

FFFFFF

 009200

 62E64B

 007700

 81FF67

 005D00

 A0FF83

 004400

 BEFF9F

 002C00

 DDFFB8

 000B00

 FBFFD8

 000000

 FFFFF5

 09AD02

 09AD02

■ 07AD00

■ 1AAD13

■ 2AAD25

■ 3BAD36

■ 4BAD47

■ 5CAD59

■ 6DAD6A

■ 7DAD7B

■ 8EAD8C

■ 9EAD9E

Harmonies

Analogous

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



8D9E00



09AD02



00B46B

Triad

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



09AD02



00A9FF



FF2A6F

Complementary

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



09AD02



A602AD

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.



FF34BD



09AD02



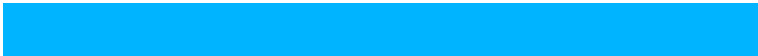
0090FF

Square

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



09AD02



00B4FF



CA68FF



FF5B20

Rectangle

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



09AD02



00B6A3



CA68FF



FF2089

Sweetspot

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



09AD02



A0E09D



ADA402



497048



F0F0F0



707070

Same Dimension

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



09AD02



09E000



02AD4F



4E574E



069600



011700

Inverse Universe

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



A602AD



D700E0



AD0260



564E57



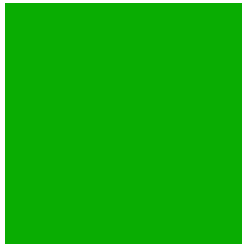
900096



160017

Previews

White Background



This preview shows how the Hex color 09AD02 looks on a white background.

Color Contrast Check

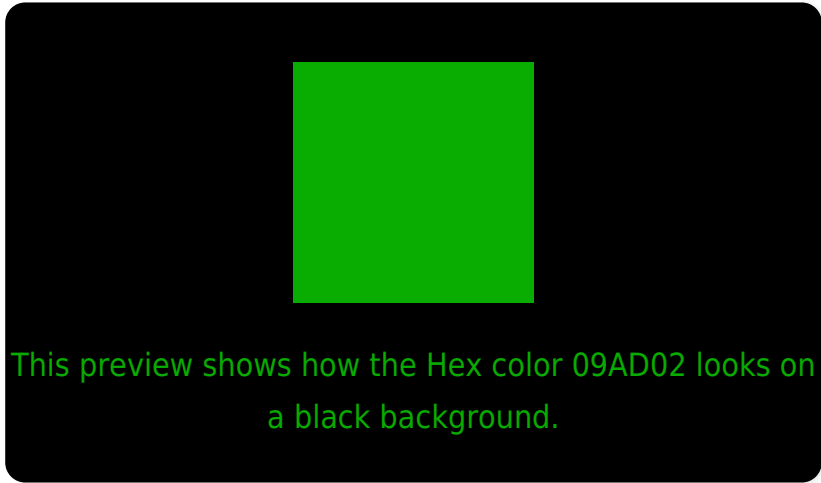
Large Text (above 18pt) WCAG AA ✓ Pass

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 09AD02 Background



This preview shows how black text looks on a background with the Hex color 09AD02.

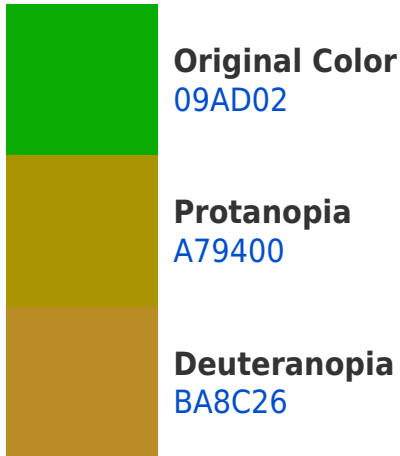


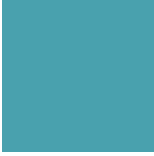
This preview shows how white text looks on a background with the Hex color 09AD02.

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](#).

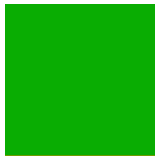
Dichromacy





Tritanopia
49A1AE

Trichromacy



Original Color
09AD02



Protanomaly
6E9D01



Deuteranomaly
7A9819



Tritanomaly
32A56F

Monochromacy



Original Color
09AD02



Achromatopsia
686868



Achromatomaly
458143

CSS Examples

Text

The CSS property to change the color of the text to Hex 09AD02 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 #09AD02 looks like.

```
.text, #text, p{  
    color:#09AD02  
}
```

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 #09AD02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09AD02
}
```

Border

The CSS property to change the border of an element to Hex 09AD02 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".

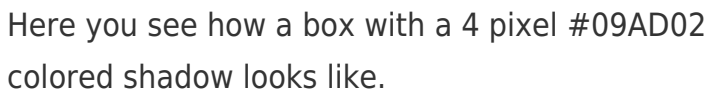
```
.border, #border, table{ border:4px solid
#09AD02 }
```

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

```
.border{ border-color:#09AD02 }
```

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

Here you see how a box with a 4 pixel #09AD02 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a thick green border on the top, bottom, and left sides, and a thin green border on the right side. The shadow is a solid green color, matching the border, and is cast to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09AD02; -webkit-box-shadow:4px 4px  
4px 4px #09AD02; box-shadow:4px 4px 4px  
4px #09AD02 }
```

Background

The CSS property to change the background color of an element to Hex 09AD02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09AD02 }
```

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

```
.background{ background-color:#09AD02 }
```

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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