

# Converting Colors

Hex(00AD08)

Have a look what the booklet for  
Hex(00AD08) contains.

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**Color**

**Hex(00AD08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AD08
RGB	0, 173, 8
RGB Percent	0%, 68%, 3%
CMY	1.0000, 0.3216, 0.9686
CMYK	1.00, 0.00, 0.95, 0.32
HSL	123°, 100%, 34%
HSV	123°, 100%, 68%
XYZ	14.9874, 29.9047, 5.2120
YIQ	102.4630, -50.1430, -87.9910

# Conversions

## Conversions Part 2

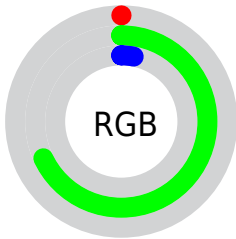
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 165, 173
Decimal	44296
CIE <sub>Lab</sub>	61.57, -64.24, 61.13
CIE <sub>LCh</sub>	62, 88.672, 136.421
Yxy	29.9047, 0.2991, 0.5969
Android (android.graphics.Color)	4278234376 (0xFF00AD08)
YUV	102.4630, -46.5703, -89.8601
Hunter-Lab	54.6852, -46.7781, 32.6287

# Details

The Hex color **00AD08** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AD00A5**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **60E64D**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **00AD08**, and if you desaturate by 10%, it is **11AD18**.

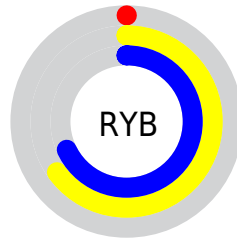
# Distribution



Red (0%)

Green (68%)

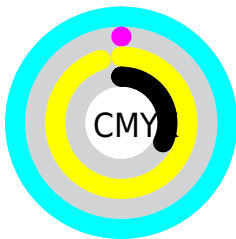
Blue (3%)



Red (0%)

Yellow (65%)

Blue (68%)

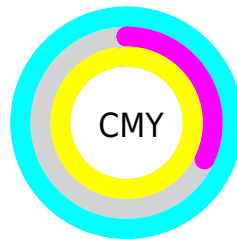


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (32%)



Cyan (100%)

Magenta (32%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00AD08 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 00AD08 by changing the saturation by 10% instead.



 00AD08

 00AD08

FFFFFF

 009200

 60E64D

 007700

 7FFF69

 005D00

 9EFF84

 004300

 BCFFA0

 002C00

 DBFFBD

 000B00

 FAFFDA

 000000

 FFFFF7

 00AD08

 11AD18

 23AD29

 34AD3A

 45AD4A

 57AD5B

 68AD6B

 79AD7C

 8AAD8C

 9CAD9D

# Harmonies

## Analogous

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



8C9E00



00AD08



00B46D

# Triad

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



00AD08



00A8FF



FF2B6E

# Complementary

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



00AD08



AD00A5

# 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.



FF34BC



00AD08



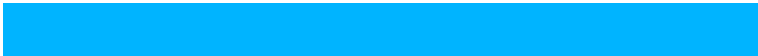
0090FF

# Square

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



00AD08



00B4FF



CB67FF



FF5C1F

# Rectangle

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



00AD08



00B6A4



CB67FF



FF2287



# Sweetspot

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



00AD08



9DE0A0



A7AD00



48704A



F0F0F0



707070



# Same Dimension

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



00AD08



00E00A



00AD5C



4E574E



009607



001701



# Inverse Universe

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



AD00A5



E000D6



AD0051



574E56



96008F

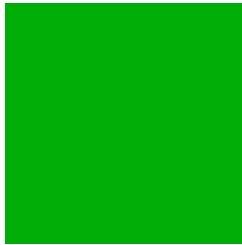


170016



# Previews

## White Background



This preview shows how the Hex color 00AD08 looks on a white background.

## Color Contrast Check

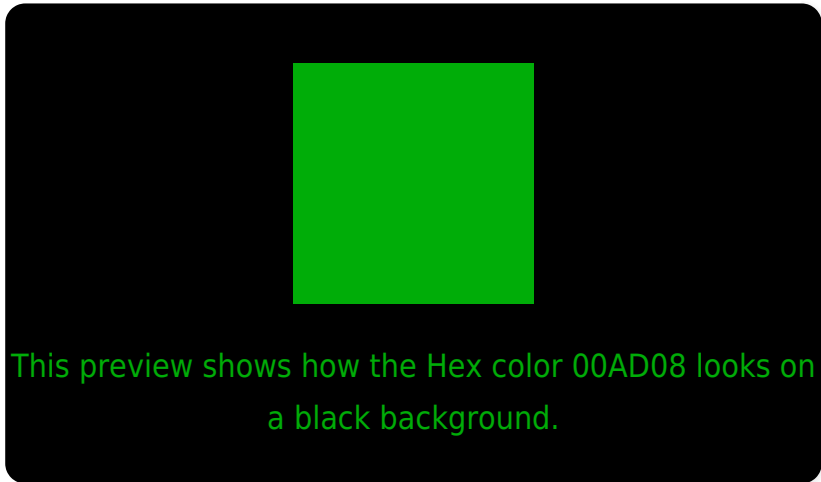
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AD08 Background



This preview shows how black text looks on a background with the Hex color 00AD08.



This preview shows how white text looks on a background with the Hex color 00AD08.

# 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](#).

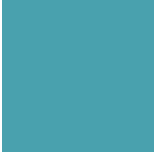
## Dichromacy



**Original Color**  
00AD08

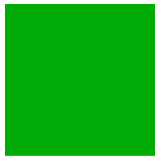
**Protanopia**  
A79400

**Deuteranopia**  
BA8C26



**Tritanopia**  
49A1AE

# Trichromacy



**Original Color**  
00AD08



**Protanomaly**  
6A9D03



**Deuteranomaly**  
76981B



**Tritanomaly**  
2EA572

# Monochromacy



**Original Color**  
00AD08



**Achromatopsia**  
666666



**Achromatomaly**  
418044

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00AD08 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 #00AD08 looks like.

```
.text, #text, p{  
    color:#00AD08  
}
```

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 #00AD08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD08  
}
```

## Border

The CSS property to change the border of an element to Hex 00AD08 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  
#00AD08 }
```

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

```
.border{ border-color:#00AD08 }
```

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

Here you see how a box with a 4 pixel #00AD08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD08; -webkit-box-shadow:4px 4px  
4px 4px #00AD08; box-shadow:4px 4px 4px  
4px #00AD08 }
```

# Background

The CSS property to change the background color of an element to Hex 00AD08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD08 }
```

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

```
.background{ background-color:#00AD08 }
```

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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