

Converting Colors

Hex(00AA0C)

Have a look what the booklet for
Hex(00AA0C) contains.

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Color

Hex(00AA0C)

Conversions

Conversions Part 1

Format	Color
Hex	00AA0C
RGB	0, 170, 12
RGB Percent	0%, 67%, 5%
CMY	1.0000, 0.3333, 0.9529
CMYK	1.00, 0.00, 0.93, 0.33
HSL	124°, 100%, 33%
HSV	124°, 100%, 67%
XYZ	14.4411, 28.7760, 5.1410
YIQ	101.1580, -50.6020, -85.1780

Conversions

Conversions Part 2

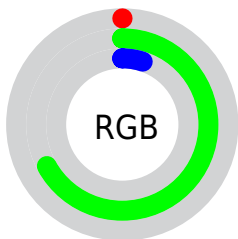
Format	Color
RYB	0, 159, 170
Decimal	43532
CIELab	60.58, -63.30, 59.75
CIELCh	61, 87.047, 136.650
Yxy	28.7760, 0.2986, 0.5951
Android (android.graphics.Color)	4278233612 (0xFF00AA0C)
YUV	101.1580, -43.9549, -88.7156
Hunter-Lab	53.6433, -45.8224, 31.8681

Details

The Hex color **00AA0C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA009E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FE34E**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA0C**, and if you desaturate by 10%, it is **11AA1C**.

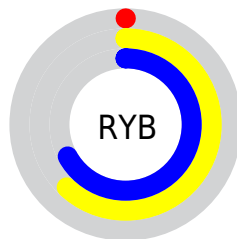
Distribution



Red (0%)

Green (67%)

Blue (5%)



Red (0%)

Yellow (62%)

Blue (67%)

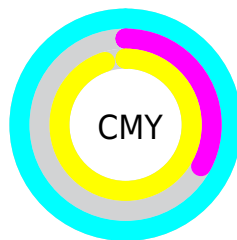


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (33%)



Cyan (100%)

Magenta (33%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AA0C 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 00AA0C by changing the saturation by 10% instead.

 00AA0C

 00AA0C

FFFFFF

 008F00

 5FE34E

 007400

 7EFF69

 005A00

 9DFF85

 004100

 BBFFA1

 002900

 D9FFBD

 000400

 F8FFDA

 000000

 FFFFF7

 00AA0C

 11AA1C

 22AA2C

 33AA3B

 44AA4B

 55AA5B

 66AA6B

 77AA7B

 88AA8A

 99AA9A

Harmonies

Analogous

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



899C00



00AA0C



00B16C

Triad

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



00AA0C



00A5FF



FF2D6B

Complementary

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



00AA0C



AA009E

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.



FF34B8



00AA0C



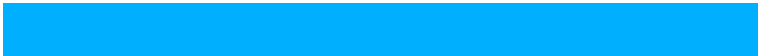
008DFF

Square

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



00AA0C



00B0FF



C865FD



FF5B1E

Rectangle

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



00AA0C



00B3A2



C865FD



FF2485

Sweetspot

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



00AA0C



9BDEA0



9FAA00



48704B



F0F0F0



707070

Same Dimension

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



00AA0C



00DE10



00AA60



4C544C



00940A



001401

Inverse Universe

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



AA009E



DE00CE



AA004A



544C54



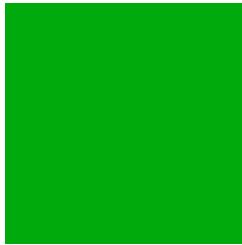
940089



140013

Previews

White Background



This preview shows how the Hex color 00AA0C looks on a white background.

Color Contrast Check

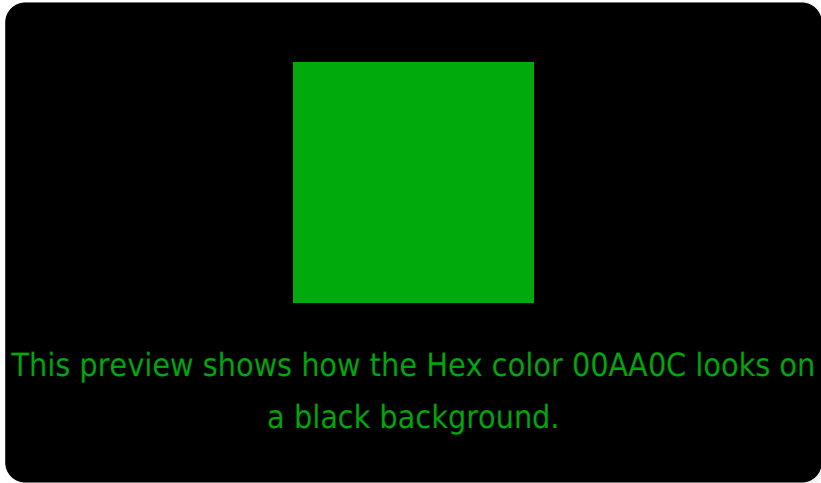
Large Text (above 18pt) WCAG AA ✓ Pass

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 00AA0C Background



This preview shows how black text looks on a background with the Hex color 00AA0C.



This preview shows how white text looks on a background with the Hex color 00AA0C.

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
00AA0C

Protanopia
A49200

Deuteranopia
B68A26



Tritanopia
479EAB

Trichromacy



Original Color
00AA0C



Protanomaly
689B04



Deuteranomaly
74961D



Tritanomaly
2DA271

Monochromacy



Original Color
00AA0C



Achromatopsia
656565



Achromatomaly
407E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AA0C 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 #00AA0C looks like.

```
.text, #text, p{  
    color:#00AA0C  
}
```

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 #00AA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AA0C
}
```

Border

The CSS property to change the border of an element to Hex 00AA0C 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
#00AA0C }
```

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

```
.border{ border-color:#00AA0C }
```

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

Here you see how a box with a 4 pixel #00AA0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AA0C; -webkit-box-shadow:4px 4px  
4px 4px #00AA0C; box-shadow:4px 4px 4px  
4px #00AA0C }
```

Background

The CSS property to change the background color of an element to Hex 00AA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AA0C }
```

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

```
.background{ background-color:#00AA0C }
```

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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