

# Converting Colors

Hex(04AA0C)

Have a look what the booklet for  
Hex(04AA0C) contains.

<b>Hex(04AA0C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(04AA0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	04AA0C
RGB	4, 170, 12
RGB Percent	2%, 67%, 5%
CMY	0.9843, 0.3333, 0.9529
CMYK	0.98, 0.00, 0.93, 0.33
HSL	123°, 95%, 34%
HSV	123°, 98%, 67%
XYZ	14.4912, 28.8018, 5.1434
YIQ	102.3540, -48.2180, -84.3300

# Conversions

## Conversions Part 2

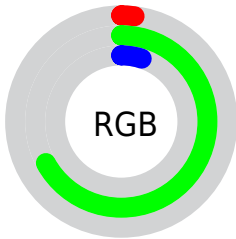
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 162, 170
Decimal	305676
CIELab	60.61, -63.09, 59.78
CIELCh	61, 86.914, 136.542
Yxy	28.8018, 0.2992, 0.5946
Android (android.graphics.Color)	4278495756 (0xFF04AA0C)
YUV	102.3540, -44.5445, -86.2565
Hunter-Lab	53.6673, -45.7195, 31.8849

# Details

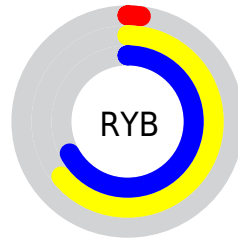
The Hex color **04AA0C** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA04A2**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **60E34E**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA08**, and if you desaturate by 10%, it is **15AA1C**.

# Distribution



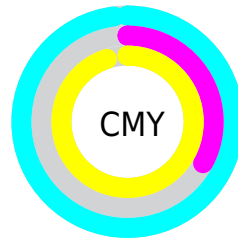
- Red (2%)
- Green (67%)
- Blue (5%)



- Red (2%)
- Yellow (64%)
- Blue (67%)



- Cyan (98%)
- Magenta (0%)
- Yellow (93%)
- Black (33%)



- Cyan (98%)
- Magenta (33%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 04AA0C 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 04AA0C by changing the saturation by 10% instead.



 04AA0C

 04AA0C

FFFFFF

 008F00

 60E34E

 007400

 7FFF69

 005A00

 9DFF85

 004100

 BCFFA1

 002900

 DAFFBD

 000400

 F9FFDA

 000000

 FFFFF7

 04AA0C

 04AA0C

■ 00AA08

■ 15AA1C

■ 26AA2C

■ 37AA3D

■ 48AA4D

■ 59AA5D

■ 6AAA6D

■ 7BAA7D

■ 8CAA8D

■ 9DAA9E

# Harmonies

## Analogous

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



899C00



04AA0C



00B16C

# Triad

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



04AA0C



00A5FF



FF2D6C

# Complementary

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



04AA0C



AA04A2

# 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



04AA0C



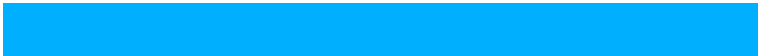
008DFF

# Square

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



04AA0C



00B0FF



C866FD



FF5B1F

# Rectangle

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



04AA0C



00B3A2



C866FD



FF2585



# Sweetspot

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



04AA0C



9EDEA1



A4AA04



49704B



F0F0F0



707070



# Same Dimension

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



04AA0C



00DE0B



04AA5D



4C544C



009407



001401



# Inverse Universe

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



AA04A2



DE00D3



AA0451



544C54



94008D

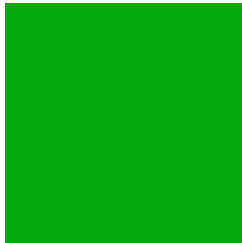


140013



# Previews

## White Background



This preview shows how the Hex color 04AA0C looks on a white background.

## Color Contrast Check

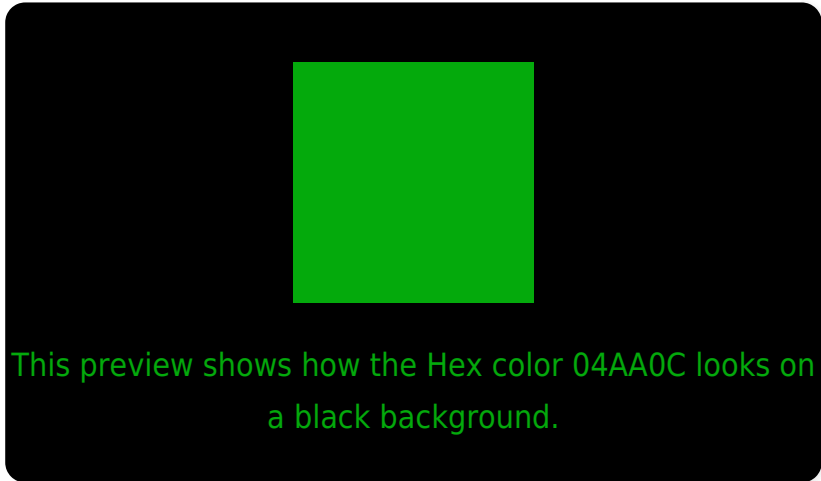
Large Text (above 18pt) WCAG AA ✓ Pass

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 04AA0C Background



This preview shows how black text looks on a background with the Hex color 04AA0C.



This preview shows how white text looks on a background with the Hex color 04AA0C.

# 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**  
04AA0C

**Protanopia**  
A49200

**Deuteranopia**  
B68A26



**Tritanopia**  
479EAB

# Trichromacy



**Original Color**  
04AA0C



**Protanomaly**  
6A9B04



**Deuteranomaly**  
75961D



**Tritanomaly**  
2FA271

# Monochromacy



**Original Color**  
04AA0C



**Achromatopsia**  
666666



**Achromatomaly**  
427F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04AA0C 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 #04AA0C looks like.

```
.text, #text, p{  
    color:#04AA0C  
}
```

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 #04AA0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04AA0C
}
```

## Border

The CSS property to change the border of an element to Hex 04AA0C 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".

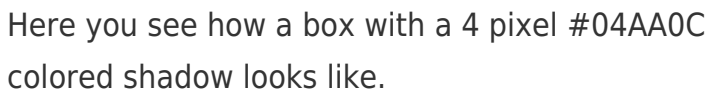
```
.border, #border, table{ border:4px solid
#04AA0C }
```

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

```
.border{ border-color:#04AA0C }
```

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

Here you see how a box with a 4 pixel #04AA0C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04AA0C; -webkit-box-shadow:4px 4px  
4px 4px #04AA0C; box-shadow:4px 4px 4px  
4px #04AA0C }
```

# Background

The CSS property to change the background color of an element to Hex 04AA0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04AA0C }
```

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

```
.background{ background-color:#04AA0C }
```

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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