

Converting Colors

Hex(04AB00)

Have a look what the booklet for
Hex(04AB00) contains.

Hex(04AB00)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(04AB00)

Conversions

Conversions Part 1

Format	Color
Hex	04AB00
RGB	4, 171, 0
RGB Percent	2%, 67%, 0%
CMY	0.9843, 0.3294, 1.0000
CMYK	0.98, 0.00, 1.00, 0.33
HSL	119°, 100%, 34%
HSV	119°, 100%, 67%
XYZ	14.6130, 29.1516, 4.8566
YIQ	101.5730, -44.6410, -88.5850

Conversions

Conversions Part 2

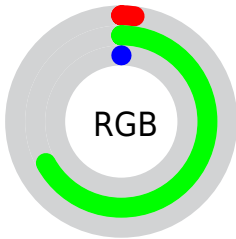
Format	Color
RYB	0, 171, 167
Decimal	305920
CIELab	60.92, -63.67, 61.68
CIELCh	61, 88.652, 135.910
Yxy	29.1516, 0.3005, 0.5996
Android (android.graphics.Color)	4278496000 (0xFF04AB00)
YUV	101.5730, -50.0755, -85.5715
Hunter-Lab	53.9923, -46.1755, 32.4614

Details

The Hex color **04AB00** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A700AB**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **60E44A**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **04AB00**, and if you desaturate by 10%, it is **15AB11**.

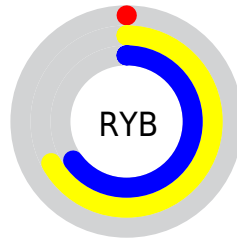
Distribution



Red (2%)

Green (67%)

Blue (0%)



Red (0%)

Yellow (67%)

Blue (65%)

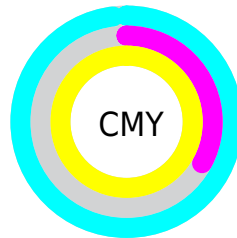


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (98%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04AB00 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 04AB00 by changing the saturation by 10% instead.

 04AB00

 04AB00

FFFFFF

 009000

 60E44A

 007500

 80FF66

 005B00

 9EFF81

 004200

 BDF9D

 002A00

 DBFFBA

 000600

 FAFFD7

 000000

 FFFFF4

 04AB00

 15AB11

 25AB22

 36AB33

 47AB44

 58AB55

 68AB67

 79AB78

 8AAB89

 9AAB9A

Harmonies

Analogous

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



8B9C00



04AB00



00B26A

Triad

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



04AB00



00A7FF



FF276D

Complementary

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



04AB00



A700AB

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.



FF32BB



04AB00



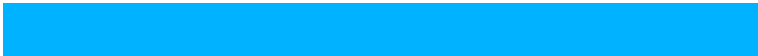
008FFF

Square

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



04AB00



00B2FF



C866FF



FF591F

Rectangle

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



04AB00



00B4A1



C866FF



FF1E87

Sweetspot

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



04AB00



9DDE9B



ABA500



497048



F0F0F0



707070

Same Dimension

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



04AB00



05DE00



00AB50



4E574E



049600



011700

Inverse Universe

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



A700AB



D900DE



AB005B



564E57



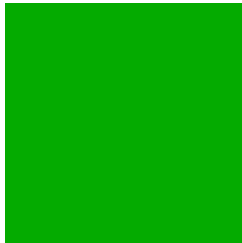
930096



160017

Previews

White Background



This preview shows how the Hex color 04AB00 looks on a white background.

Color Contrast Check

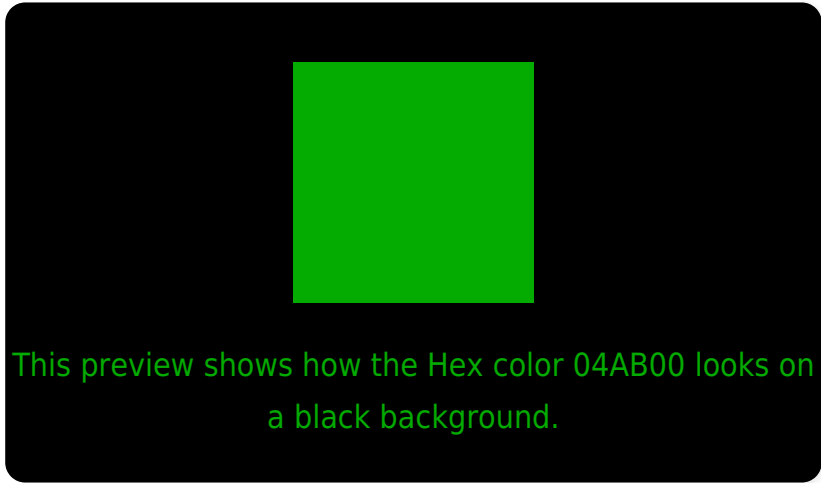
Large Text (above 18pt) WCAG AA ✓ Pass

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 04AB00 Background



This preview shows how black text looks on a background with the Hex color 04AB00.

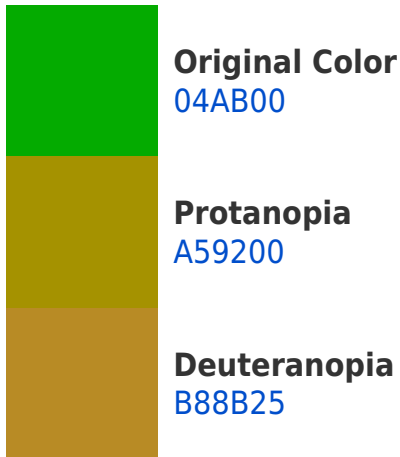


This preview shows how white text looks on a background with the Hex color 04AB00.

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



Trichromacy



Original Color
04AB00



Protanomaly
6A9B00



Deuteranomaly
779718



Tritanomaly
2FA36D

Monochromacy



Original Color
04AB00



Achromatopsia
666666



Achromatomaly
427F41

CSS Examples

Text

The CSS property to change the color of the text to Hex 04AB00 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 #04AB00 looks like.

```
.text, #text, p{  
    color:#04AB00  
}
```

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 #04AB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04AB00
}
```

Border

The CSS property to change the border of an element to Hex 04AB00 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
#04AB00 }
```

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

```
.border{ border-color:#04AB00 }
```

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

Here you see how a box with a 4 pixel #04AB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04AB00; -webkit-box-shadow:4px 4px  
4px 4px #04AB00; box-shadow:4px 4px 4px  
4px #04AB00 }
```

Background

The CSS property to change the background color of an element to Hex 04AB00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04AB00 }
```

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

```
.background{ background-color:#04AB00 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor