

Converting Colors

Hex(00A04C)

Have a look what the booklet for
Hex(00A04C) contains.

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Color

Hex(00A04C)

Conversions

Conversions Part 1

Format	Color
Hex	00A04C
RGB	0, 160, 76
RGB Percent	0%, 63%, 30%
CMY	1.0000, 0.3725, 0.7020
CMYK	1.00, 0.00, 0.52, 0.37
HSL	148°, 100%, 31%
HSV	148°, 100%, 63%
XYZ	13.8753, 25.6634, 11.0597
YIQ	102.5840, -68.3960, -60.0440

Conversions

Conversions Part 2

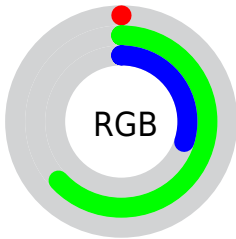
Format	Color
RYB	0, 108, 160
Decimal	41036
CIELab	57.72, -54.47, 33.78
CIELCh	58, 64.095, 148.194
Yxy	25.6634, 0.2742, 0.5072
Android (android.graphics.Color)	4278231116 (0xFF00A04C)
YUV	102.5840, -13.1059, -89.9662
Hunter-Lab	50.6591, -39.7630, 22.5174

Details

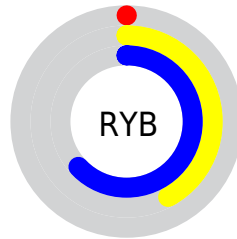
The Hex color **00A04C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A00054**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59D87F**, and **006B1C** is the 20% darker color. If you saturate the color by 10%, you get **00A04C**, and if you desaturate by 10%, it is **10A054**.

Distribution



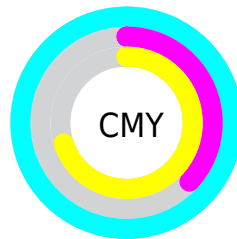
- Red (0%)
- Green (63%)
- Blue (30%)



- Red (0%)
- Yellow (42%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A04C 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 00A04C by changing the saturation by 10% instead.

 00A04C

 00A04C

FFFFFF

 008534

 59D87F

 006B1C

 77F599

 005101

 95FFB4

 003900

 B2FFD0

 002200

 D0FFED

 000000

 EEEFFF

 00A04C

 10A054

 20A05D

 30A065

 40A06E

 50A076

 60A07E

 70A087

 80A08F

 90A098

Harmonies

Analogous

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



729717



00A04C



00A485

Triad

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



00A04C



0092FB



EC5959

Complementary

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



00A04C



A00054

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.



EB5290



00A04C



827DEE

Square

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



00A04C



009FE9



CA63C7



D37028

Rectangle

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



00A04C



00A5AC



CA63C7



EF546B

Sweetspot

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



00A04C



92D1B0



55A000



436955



E8E8E8



696969

Same Dimension

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



00A04C



00D163



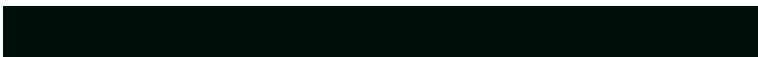
00A09B



474F4B



008F44



000F07

Inverse Universe

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



A00054



D1006E



A00005



4F474B



8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 00A04C looks on a white background.

Color Contrast Check

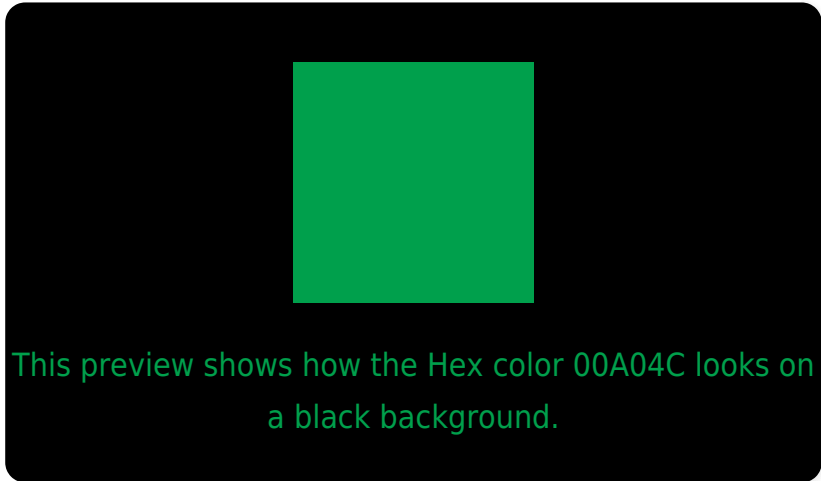
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A04C Background



This preview shows how black text looks on a background with the Hex color 00A04C.

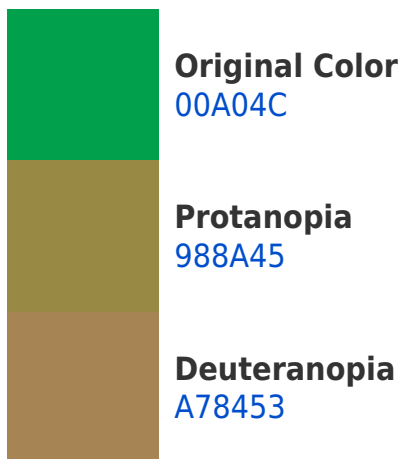


This preview shows how white text looks on a background with the Hex color 00A04C.

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
3E97A3

Trichromacy



Original Color
00A04C



Protanomaly
619248



Deuteranomaly
6A8E50



Tritanomaly
279A83

Monochromacy



Original Color
00A04C



Achromatopsia
676767



Achromatomaly
427C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A04C 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 #00A04C looks like.

```
.text, #text, p{  
    color:#00A04C  
}
```

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 #00A04C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A04C
}
```

Border

The CSS property to change the border of an element to Hex 00A04C 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
#00A04C }
```

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

```
.border{ border-color:#00A04C }
```

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

Here you see how a box with a 4 pixel #00A04C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A04C; -webkit-box-shadow:4px 4px  
4px 4px #00A04C; box-shadow:4px 4px 4px  
4px #00A04C }
```

Background

The CSS property to change the background color of an element to Hex 00A04C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A04C }
```

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

```
.background{ background-color:#00A04C }
```

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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