

Converting Colors

Hex(00A524)

Have a look what the booklet for
Hex(00A524) contains.

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Color

Hex(00A524)

Conversions

Conversions Part 1

Format	Color
Hex	00A524
RGB	0, 165, 36
RGB Percent	0%, 65%, 14%
CMY	1.0000, 0.3529, 0.8588
CMYK	1.00, 0.00, 0.78, 0.35
HSL	133°, 100%, 32%
HSV	133°, 100%, 65%
XYZ	13.7736, 27.0376, 6.1619
YIQ	100.9590, -56.9310, -75.0990

Conversions

Conversions Part 2

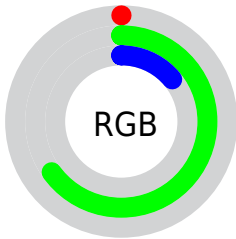
Format	Color
RYB	0, 135, 165
Decimal	42276
CIELab	59.01, -60.69, 52.54
CIELCh	59, 80.272, 139.116
Yxy	27.0376, 0.2932, 0.5756
Android (android.graphics.Color)	4278232356 (0xFF00A524)
YUV	100.9590, -32.0248, -88.5410
Hunter-Lab	51.9977, -43.7135, 29.3723

Details

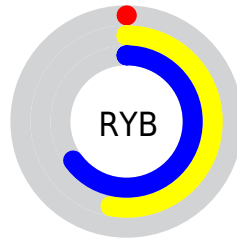
The Hex color **00A524** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A50081**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5CDD5B**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **00A524**, and if you desaturate by 10%, it is **10A531**.

Distribution



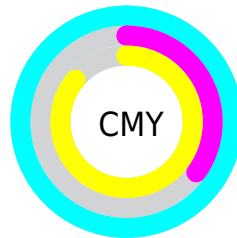
- Red (0%)
- Green (65%)
- Blue (14%)



- Red (0%)
- Yellow (53%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A524 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 00A524 by changing the saturation by 10% instead.

 00A524

 00A524

FFFFFF

 008A00

 5CDD5B

 006F00

 7BFA75

 005600

 99FF91

 003D00

 B7FFAC

 002500

 D5FFC8

 000000

 F4FFE5

 00A524

 10A531

 21A53E

 32A54B

 42A558

 52A565

 63A571

 73A57E

 84A58B

 94A598

Harmonies

Analogous

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



819800



00A524



00AB71

Triad

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



00A524



009EFF



FF3C65

Complementary

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



00A524



A50081

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.



FD3CAB



00A524



4087FF

Square

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



00A524



00AAF8



C763EB



F0601F

Rectangle

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



00A524



00ADA2



C763EB



FF357C

Sweetspot

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



00A524



96D6A4



81A500



456B4D



EBEBEB



6B6B6B

Same Dimension

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



00A524



00D62F



00A576



49524B



009120



001204

Inverse Universe

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



A50081



D600A7



A5002F



524950



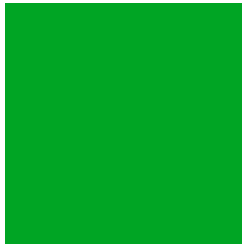
910072



12000E

Previews

White Background



This preview shows how the Hex color 00A524 looks on a white background.

Color Contrast Check

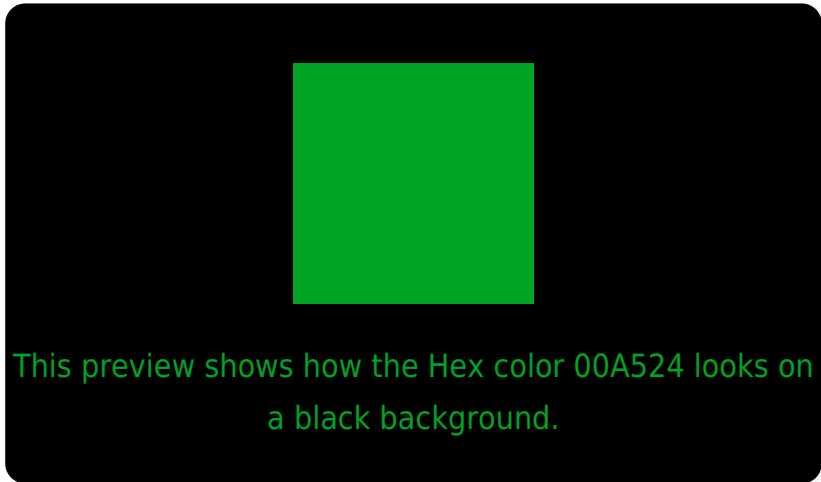
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A524 Background



This preview shows how black text looks on a background with the Hex color 00A524.



This preview shows how white text looks on a background with the Hex color 00A524.

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
449AA6

Trichromacy



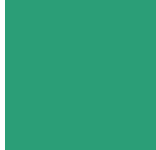
Original Color
00A524



Protanomaly
659620



Deuteranomaly
70912D



Tritanomaly
2B9E77

Monochromacy



Original Color
00A524



Achromatopsia
656565



Achromatomaly
407C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A524 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 #00A524 looks like.

```
.text, #text, p{  
    color:#00A524  
}
```

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 #00A524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A524
}
```

Border

The CSS property to change the border of an element to Hex 00A524 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".

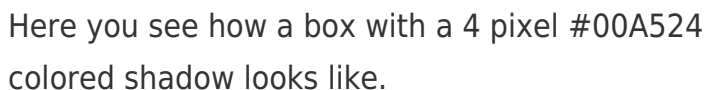
```
.border, #border, table{ border:4px solid
#00A524 }
```

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

```
.border{ border-color:#00A524 }
```

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

Here you see how a box with a 4 pixel #00A524 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 #00A524; -webkit-box-shadow:4px 4px  
4px 4px #00A524; box-shadow:4px 4px 4px  
4px #00A524 }
```

Background

The CSS property to change the background color of an element to Hex 00A524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A524 }
```

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

```
.background{ background-color:#00A524 }
```

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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