

# Converting Colors

Hex(00A52B)

Have a look what the booklet for  
Hex(00A52B) contains.

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**Color**

**Hex(00A52B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A52B
RGB	0, 165, 43
RGB Percent	0%, 65%, 17%
CMY	1.0000, 0.3529, 0.8314
CMYK	1.00, 0.00, 0.74, 0.35
HSL	136°, 100%, 32%
HSV	136°, 100%, 65%
XYZ	13.8912, 27.0847, 6.7812
YIQ	101.7570, -59.1780, -72.9220

# Conversions

## Conversions Part 2

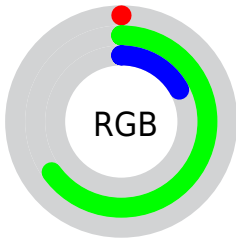
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 165
Decimal	42283
CIELab	59.05, -60.13, 50.12
CIELCh	59, 78.282, 140.186
Yxy	27.0847, 0.2909, 0.5671
Android (android.graphics.Color)	4278232363 (0xFF00A52B)
YUV	101.7570, -28.9672, -89.2409
Hunter-Lab	52.0429, -43.4304, 28.7045

# Details

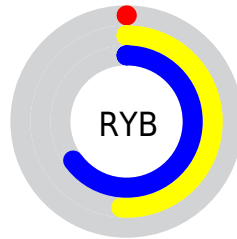
The Hex color **00A52B** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A5007A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5CDD60**, and **006F00** is the 20% darker color. If you saturate the color by 10%, you get **00A52B**, and if you desaturate by 10%, it is **10A537**.

# Distribution



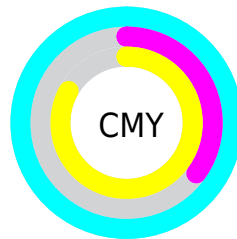
- Red (0%)
- Green (65%)
- Blue (17%)



- Red (0%)
- Yellow (51%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A52B 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 00A52B by changing the saturation by 10% instead.



 00A52B

 00A52B

FFFFFF

 008A0A

 5CDD60

 006F00

 7BFA7B

 005600

 99FF96

 003D00

 B7FFB2

 002500


 D5FFCE

 000000

 F3FFEB

 00A52B

 10A537

 21A543

 32A550

 42A55C

 52A568

 63A574

 73A580

 84A58D

 94A599

# Harmonies

## Analogous

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



7F9900



00A52B



00AB74

# Triad

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



00A52B



009DFF



FF4163

# Complementary

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



00A52B



A5007A

# 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.



FC40A8



00A52B



4F86FF

# Square

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



00A52B



00A9F7



C963E7



ED6320

# Rectangle

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



00A52B



00ACA5



C963E7



FF3B7A



# Sweetspot

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



00A52B



96D6A7



7CA500



456B4F



EBEBEB



6B6B6B



# Same Dimension

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



00A52B



00D638



00A57C



49524C



009126



001205



# Inverse Universe

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



A5007A



D6009E



A50029



52494F



91006B

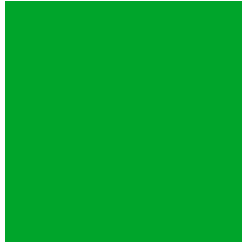


12000D



# Previews

## White Background



This preview shows how the Hex color 00A52B looks on a white background.

## Color Contrast Check

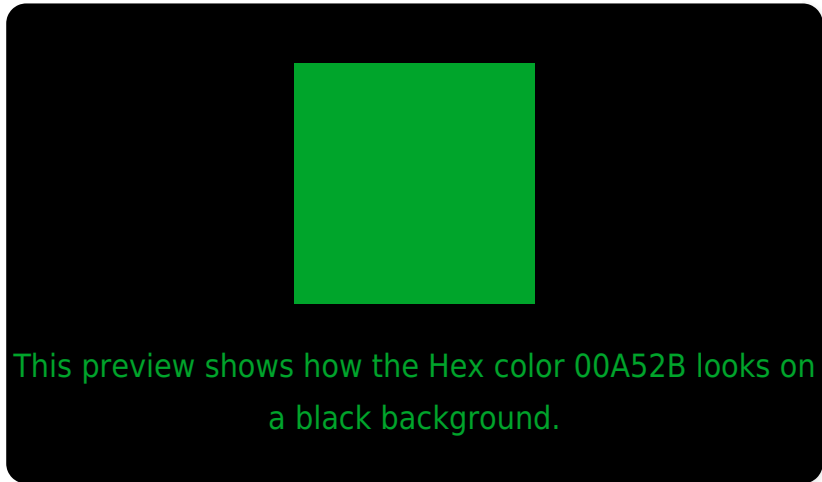
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A52B Background



This preview shows how black text looks on a background with the Hex color 00A52B.



This preview shows how white text looks on a background with the Hex color 00A52B.

# 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**  
00A52B



**Protanomaly**  
659627



**Deuteranomaly**  
709133



**Tritanomaly**  
2B9E79

# Monochromacy



**Original Color**  
00A52B



**Achromatopsia**  
666666



**Achromatomaly**  
417D51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A52B 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 #00A52B looks like.

```
.text, #text, p{  
    color:#00A52B  
}
```

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 #00A52B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A52B
}
```

## Border

The CSS property to change the border of an element to Hex 00A52B 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
#00A52B }
```

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

```
.border{ border-color:#00A52B }
```

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

Here you see how a box with a 4 pixel #00A52B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A52B; -webkit-box-shadow:4px 4px  
4px 4px #00A52B; box-shadow:4px 4px 4px  
4px #00A52B }
```

# Background

The CSS property to change the background color of an element to Hex 00A52B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A52B }
```

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

```
.background{ background-color:#00A52B }
```

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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