

Converting Colors

Hex(00A02D)

Have a look what the booklet for
Hex(00A02D) contains.

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Color

Hex(00A02D)

Conversions

Conversions Part 1

Format	Color
Hex	00A02D
RGB	0, 160, 45
RGB Percent	0%, 63%, 18%
CMY	1.0000, 0.3725, 0.8235
CMYK	1.00, 0.00, 0.72, 0.37
HSL	137°, 100%, 31%
HSV	137°, 100%, 63%
XYZ	13.0445, 25.3311, 6.6845
YIQ	99.0500, -58.4450, -69.6850

Conversions

Conversions Part 2

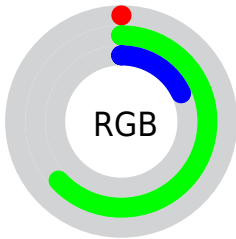
Format	Color
RYB	0, 125, 160
Decimal	41005
CIELab	57.40, -58.46, 47.65
CIELCh	57, 75.415, 140.816
Yxy	25.3311, 0.2895, 0.5622
Android (android.graphics.Color)	4278231085 (0xFF00A02D)
YUV	99.0500, -26.6466, -86.8668
Hunter-Lab	50.3300, -41.8141, 27.3565

Details

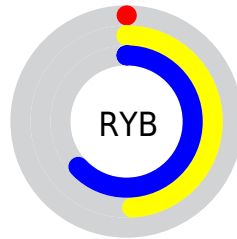
The Hex color **00A02D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A00073**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5AD861**, and **006B00** is the 20% darker color. If you saturate the color by 10%, you get **00A02D**, and if you desaturate by 10%, it is **10A039**.

Distribution



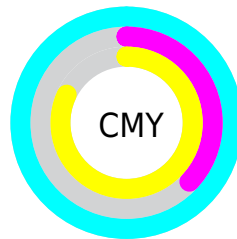
- Red (0%)
- Green (63%)
- Blue (18%)



- Red (0%)
- Yellow (49%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A02D 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 00A02D by changing the saturation by 10% instead.

 00A02D

 00A02D

FFFFFF

 00850F

 5AD861

 006B00

 79F57C

 005100

 97FF97

 003900

 B4FFB2

 002100

 D2FFCE

 000000

 F0FFEB

 00A02D

 10A039

 20A044

 30A050

 40A05B

 50A067

 60A072

 70A07E

 80A089

 90A094

Harmonies

Analogous

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



7B9400



00A02D



00A673

Triad

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



00A02D



0098FF



FC425F

Complementary

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



00A02D



A00073

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.



F43FA1



00A02D



5381FF

Square

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



00A02D



00A3F0



C460DE



E46220

Rectangle

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



00A02D



00A7A1



C460DE



FD3C75

Sweetspot

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



00A02D



92D1A4



75A000



43694D



E8E8E8



696969

Same Dimension

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



00A02D



00D13B



00A07B



474F49



008F28



000F04

Inverse Universe

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



A00073



D10096



A00025



4F474D



8F0067



0F000B

Previews

White Background



This preview shows how the Hex color 00A02D looks on a white background.

Color Contrast Check

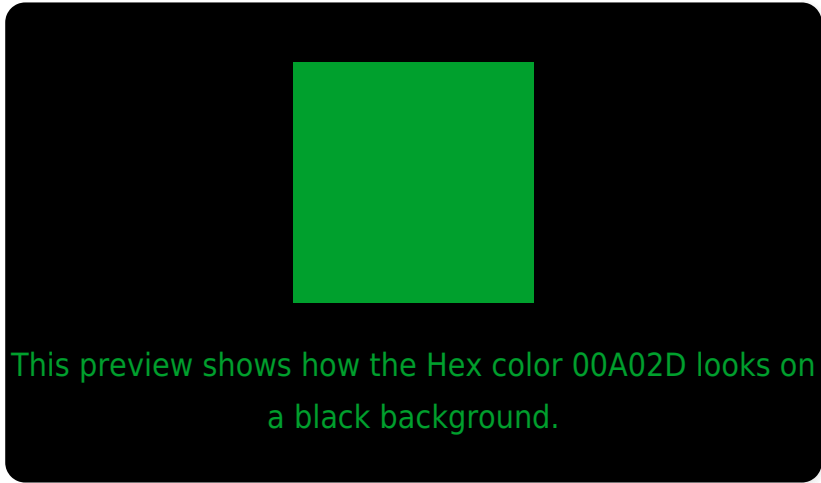
Large Text (above 18pt) WCAG AA ✓ Pass

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

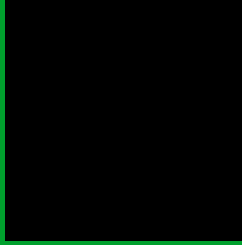
Any Text WCAG AA ✓ Pass

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 00A02D Background



This preview shows how black text looks on a background with the Hex color 00A02D.

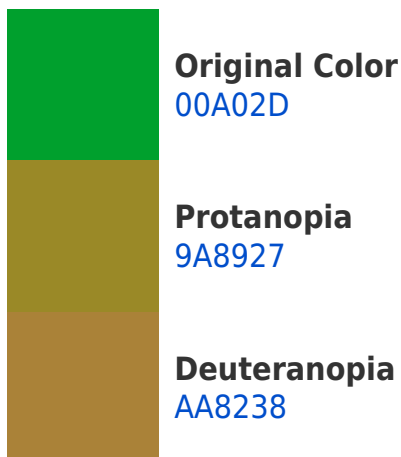


This preview shows how white text looks on a background with the Hex color 00A02D.

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
4295A1

Trichromacy



Original Color
00A02D



Protanomaly
629129



Deuteranomaly
6C8D34



Tritanomaly
2A9977

Monochromacy



Original Color
00A02D



Achromatopsia
636363



Achromatomaly
3F794F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A02D 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 #00A02D looks like.

```
.text, #text, p{  
    color:#00A02D  
}
```

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 #00A02D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A02D
}
```

Border

The CSS property to change the border of an element to Hex 00A02D 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
#00A02D }
```

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

```
.border{ border-color:#00A02D }
```

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

Here you see how a box with a 4 pixel #00A02D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A02D; -webkit-box-shadow:4px 4px  
4px 4px #00A02D; box-shadow:4px 4px 4px  
4px #00A02D }
```

Background

The CSS property to change the background color of an element to Hex 00A02D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A02D }
```

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

```
.background{ background-color:#00A02D }
```

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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