

Converting Colors

Hex(00A72A)

Have a look what the booklet for
Hex(00A72A) contains.

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Color

Hex(00A72A)

Conversions

Conversions Part 1

Format	Color
Hex	00A72A
RGB	0, 167, 42
RGB Percent	0%, 65%, 16%
CMY	1.0000, 0.3451, 0.8353
CMYK	1.00, 0.00, 0.75, 0.35
HSL	135°, 100%, 33%
HSV	135°, 100%, 65%
XYZ	14.2366, 27.8046, 6.8070
YIQ	102.8170, -59.4070, -74.2790

Conversions

Conversions Part 2

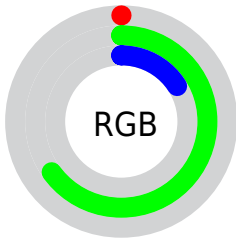
Format	Color
RYB	0, 133, 167
Decimal	42794
CIELab	59.71, -60.81, 51.16
CIELCh	60, 79.466, 139.924
Yxy	27.8046, 0.2914, 0.5692
Android (android.graphics.Color)	4278232874 (0xFF00A72A)
YUV	102.8170, -29.9828, -90.1705
Hunter-Lab	52.7301, -44.0843, 29.2573

Details

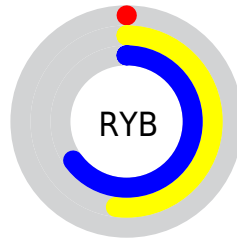
The Hex color **00A72A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A7007D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **5DDF60**, and **007100** is the 20% darker color. If you saturate the color by 10%, you get **00A72A**, and if you desaturate by 10%, it is **11A736**.

Distribution



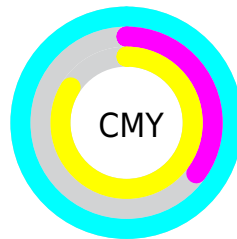
- Red (0%)
- Green (65%)
- Blue (16%)



- Red (0%)
- Yellow (52%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A72A 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 00A72A by changing the saturation by 10% instead.

 00A72A

 00A72A

FFFFFF

 008C07

 5DDF60

 007100

 7CFD7A

 005700

 9AFF95

 003F00

 B8FFB1


 002700

 D6FFCD

 000000

 F4FFEA

 00A72A

 11A736

 21A743

 32A74F

 43A75C

 53A768

 64A775

 75A781

 86A78E

 96A79B

Harmonies

Analogous

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



819A00



00A72A



00AD75

Triad

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



00A72A



009FFF



FF4165

Complementary

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



00A72A



A7007D

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.



FF40AB



00A72A



4D88FF

Square

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



00A72A



00ABFA



CB64EB



F06421

Rectangle

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



00A72A



00AFA6



CB64EB



FF3A7C

Sweetspot

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



00A72A



98D9A8



7DA700



466E50



EDEDED



6E6E6E

Same Dimension

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



00A72A



00D937



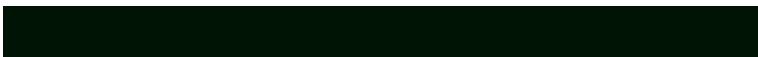
00A77D



4C544E



009425



001405

Inverse Universe

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



A7007D



D900A2



A7002A



544C52



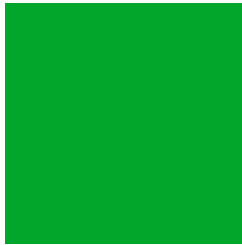
94006F



14000F

Previews

White Background



This preview shows how the Hex color 00A72A looks on a white background.

Color Contrast Check

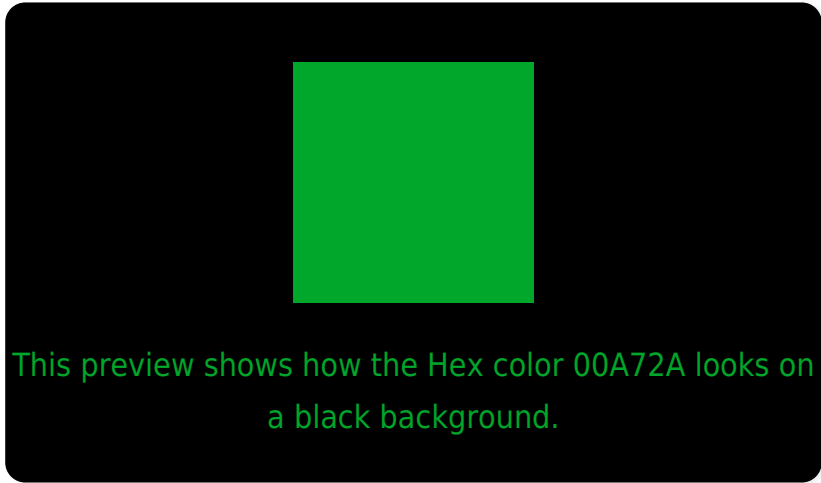
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A72A Background



This preview shows how black text looks on a background with the Hex color 00A72A.



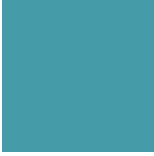
This preview shows how white text looks on a background with the Hex color 00A72A.

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
459CA8

Trichromacy



Original Color
00A72A



Protanomaly
669826



Deuteranomaly
719332



Tritanomaly
2CA07A

Monochromacy



Original Color
00A72A



Achromatopsia
676767



Achromatomaly
427E51

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A72A 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 #00A72A looks like.

```
.text, #text, p{  
    color:#00A72A  
}
```

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 #00A72A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A72A
}
```

Border

The CSS property to change the border of an element to Hex 00A72A 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".

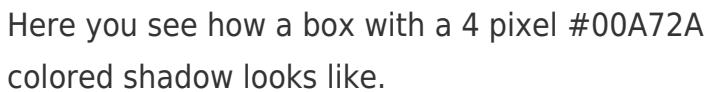
```
.border, #border, table{ border:4px solid
#00A72A }
```

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

```
.border{ border-color:#00A72A }
```

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

Here you see how a box with a 4 pixel #00A72A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A72A; -webkit-box-shadow:4px 4px  
4px 4px #00A72A; box-shadow:4px 4px 4px  
4px #00A72A }
```

Background

The CSS property to change the background color of an element to Hex 00A72A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A72A }
```

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

```
.background{ background-color:#00A72A }
```

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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