

Converting Colors

Hex(02AA24)

Have a look what the booklet for
Hex(02AA24) contains.

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Color

Hex(02AA24)

Conversions

Conversions Part 1

Format	Color
Hex	02AA24
RGB	2, 170, 36
RGB Percent	1%, 67%, 14%
CMY	0.9922, 0.3333, 0.8588
CMYK	0.99, 0.00, 0.79, 0.33
HSL	132°, 98%, 34%
HSV	132°, 99%, 67%
XYZ	14.7182, 28.8897, 6.4696
YIQ	104.4920, -57.1140, -77.2900

Conversions

Conversions Part 2

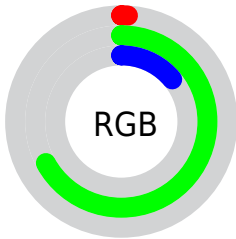
Format	Color
R_{YB}	2, 142, 170
Decimal	174628
CIE Lab	60.68, -62.04, 54.17
CIE LCh	61, 82.359, 138.872
Yxy	28.8897, 0.2939, 0.5769
Android (android.graphics.Color)	4278364708 (0xFF02AA24)
YUV	104.4920, -33.7666, -89.8855
Hunter-Lab	53.7492, -45.1822, 30.4879

Details

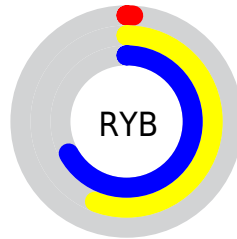
The Hex color **02AA24** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **AA0288**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5EE35B**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **00AA22**, and if you desaturate by 10%, it is **13AA32**.

Distribution



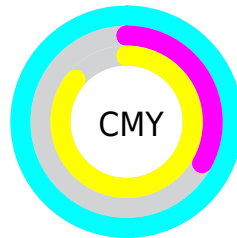
- Red (1%)
- Green (67%)
- Blue (14%)



- Red (1%)
- Yellow (56%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (79%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02AA24 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 02AA24 by changing the saturation by 10% instead.

 02AA24

 02AA24


FFFFFF

 008F00

 5EE35B

 007400

 7EFF76

 005A00

 9CFF92

 004100

 BAFFAD

 002A00

 D8FFCA

 000500

 F7FFE7

 000000

 02AA24

 02AA24

 00AA22

 13AA32

 24AA3F

 35AA4D

 46AA5A

 57AA68

 68AA75

 79AA83

 8AAA90

 9BAA9E

Harmonies

Analogous

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



869D00



02AA24



00B074

Triad

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



02AA24



00A3FF



FF3D68

Complementary

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



02AA24



AA0288

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.



FF3EB1



02AA24



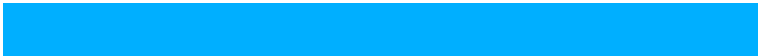
3E8BFF

Square

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



02AA24



00AFFF



CD66F3



F86321

Rectangle

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



02AA24



00B2A7



CD66F3



FF3680

Sweetspot

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



02AA24



9BDEA9



88AA02



487050



F0F0F0



707070

Same Dimension

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



02AA24



00DE2D



02AA78



4C544D



00941E



001404

Inverse Universe

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



AA0288



DE00B1



AA0234



544C52



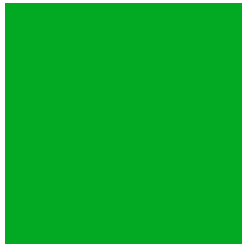
940076



140010

Previews

White Background



This preview shows how the Hex color 02AA24 looks on a white background.

Color Contrast Check

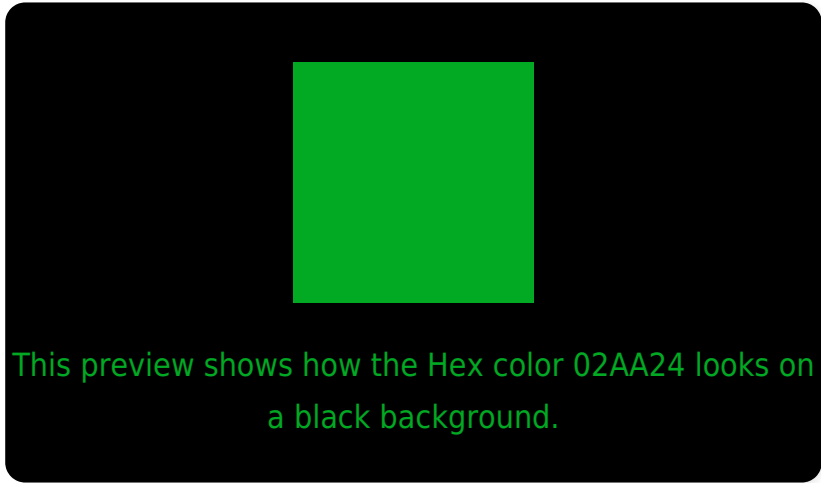
Large Text (above 18pt) WCAG AA ✓ Pass

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 02AA24 Background



This preview shows how black text looks on a background with the Hex color 02AA24.

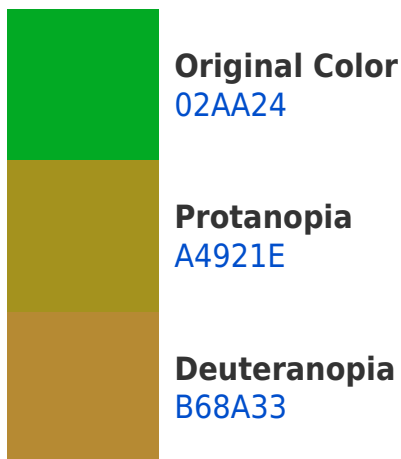


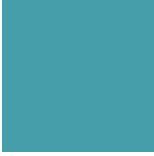
This preview shows how white text looks on a background with the Hex color 02AA24.

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
469EAB

Trichromacy



Original Color

02AA24



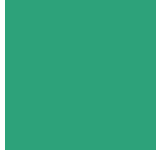
Protanomaly

699B20



Deuteranomaly

75962E



Tritanomaly

2DA27A

Monochromacy



Original Color

02AA24



Achromatopsia

686868



Achromatomaly

43804F

CSS Examples

Text

The CSS property to change the color of the text to Hex 02AA24 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 #02AA24 looks like.

```
.text, #text, p{  
    color:#02AA24  
}
```

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 #02AA24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02AA24
}
```

Border

The CSS property to change the border of an element to Hex 02AA24 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
#02AA24 }
```

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

```
.border{ border-color:#02AA24 }
```

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

Here you see how a box with a 4 pixel #02AA24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02AA24; -webkit-box-shadow:4px 4px  
4px 4px #02AA24; box-shadow:4px 4px 4px  
4px #02AA24 }
```

Background

The CSS property to change the background color of an element to Hex 02AA24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02AA24 }
```

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

```
.background{ background-color:#02AA24 }
```

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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