

Converting Colors

Hex(2AAF1E)

Have a look what the booklet for
Hex(2AAF1E) contains.

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Color

Hex(2AAF1E)

Conversions

Conversions Part 1

Format	Color
Hex	2AAF1E
RGB	42, 175, 30
RGB Percent	16%, 69%, 12%
CMY	0.8353, 0.3137, 0.8824
CMYK	0.76, 0.00, 0.83, 0.31
HSL	115°, 71%, 40%
HSV	115°, 83%, 69%
XYZ	16.5192, 31.2459, 6.3887
YIQ	118.7030, -32.7230, -73.2910

Conversions

Conversions Part 2

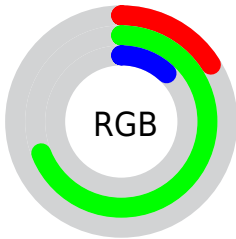
Format	Color
RYB	30, 175, 163
Decimal	2797342
CIELab	62.71, -60.26, 58.00
CIELCh	63, 83.634, 136.094
Yxy	31.2459, 0.3050, 0.5770
Android (android.graphics.Color)	4280987422 (0xFF2AAF1E)
YUV	118.7030, -43.7306, -67.2685
Hunter-Lab	55.8981, -45.0707, 32.3522

Details

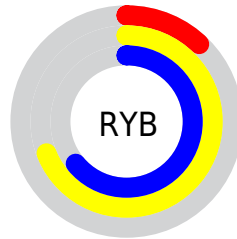
The Hex color **2AAF1E** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A31EAF**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6EE858**, and **007900** is the 20% darker color. If you saturate the color by 10%, you get **1AAF0D**, and if you desaturate by 10%, it is **3AAF30**.

Distribution



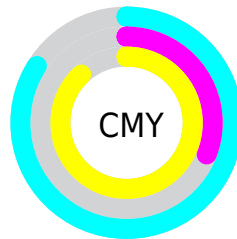
- Red (16%)
- Green (69%)
- Blue (12%)



- Red (12%)
- Yellow (69%)
- Blue (64%)



- Cyan (76%)
- Magenta (0%)
- Yellow (83%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAF1E 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 2AAF1E by changing the saturation by 10% instead.

 2AAF1E

 2AAF1E

FFFFFF

 009400

 6EE858

 007900

 8DFF73

 005F00

 ABFF8F

 004600

 C9FFAB

 002F00

 E7FFC7

 001100

 FFFFE4

 000000

 2AAF1E

 2AAF1E

 1AAF0D

 3AAF30

 0EAF00

 4AAF41

 5AAF53

 6AAF64

 7AAF76

 8AAF87

 9AAF99

 AAAFAA

 BAAFBC

Harmonies

Analogous

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



92A100



2AAF1E



00B671

Triad

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



2AAF1E



00AAFF



FF3F73

Complementary

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



2AAF1E



A31EAF

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.



FF45BE



2AAF1E



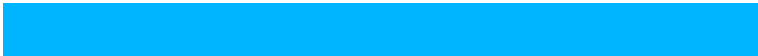
1793FF

Square

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



2AAF1E



00B5FF



CB6EFF



FF642B

Rectangle

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



2AAF1E



00B8A5



CB6EFF



FF3A8C

Sweetspot

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



2AAF1E



AFE3AA



AFA31E



537350



F2F2F2



737373

Same Dimension

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



2AAF1E



15E302



1EAF5A



4F574E



0C9600



021700

Inverse Universe

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



A31EAF



D002E3



AF1E73



564E57



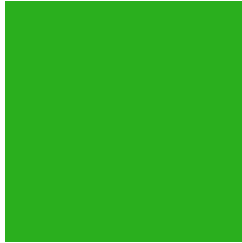
8A0096



150017

Previews

White Background



This preview shows how the Hex color 2AAF1E looks on a white background.

Color Contrast Check

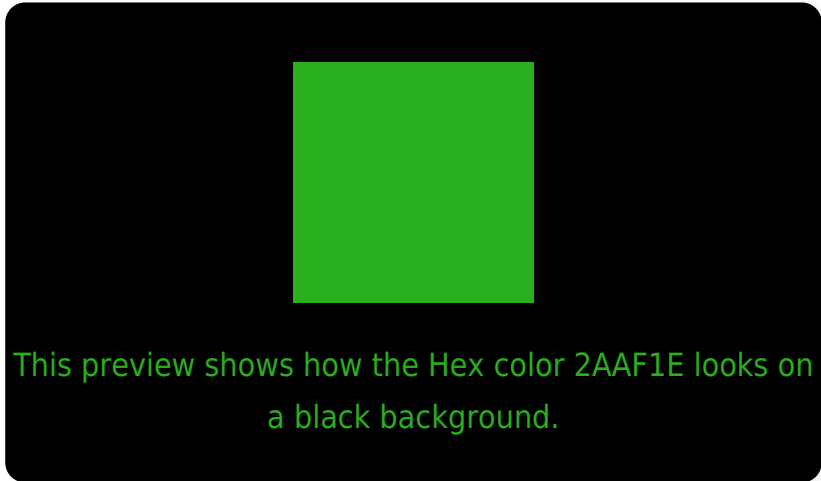
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2AAF1E Background



This preview shows how black text looks on a background with the Hex color 2AAF1E.

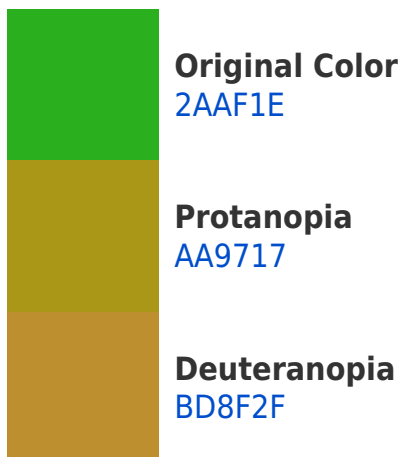


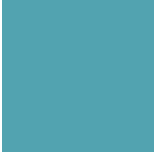
This preview shows how white text looks on a background with the Hex color 2AAF1E.

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
52A3B0

Trichromacy



Original Color
2AAF1E



Protanomaly
7BA01A



Deuteranomaly
889B29



Tritanomaly
43A77B

Monochromacy



Original Color
2AAF1E



Achromatopsia
777777



Achromatomaly
5B8B57

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAF1E 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 #2AAF1E looks like.

```
.text, #text, p{  
    color:#2AAF1E  
}
```

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 #2AAF1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAF1E
}
```

Border

The CSS property to change the border of an element to Hex 2AAF1E is called "border". The border property can be set on classes, ids or directly on the HTML element.

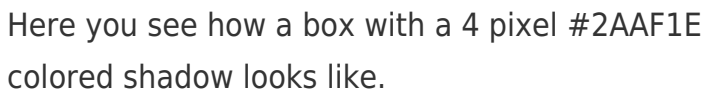
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2AAF1E }
```

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

```
.border{ border-color:#2AAF1E }
```

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



Here you see how a box with a 4 pixel #2AAF1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAF1E; -webkit-box-shadow:4px 4px  
4px 4px #2AAF1E; box-shadow:4px 4px 4px  
4px #2AAF1E }
```

Background

The CSS property to change the background color of an element to Hex 2AAF1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAF1E }
```

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

```
.background{ background-color:#2AAF1E }
```

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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