

Converting Colors

Hex(2FAA1D)

Have a look what the booklet for
Hex(2FAA1D) contains.

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Color

Hex(2FAA1D)

Conversions

Conversions Part 1

Format	Color
Hex	2FAA1D
RGB	47, 170, 29
RGB Percent	18%, 67%, 11%
CMY	0.8157, 0.3333, 0.8863
CMYK	0.72, 0.00, 0.83, 0.33
HSL	112°, 71%, 39%
HSV	112°, 83%, 67%
XYZ	15.7688, 29.4425, 6.0143
YIQ	117.1490, -28.0470, -69.9270

Conversions

Conversions Part 2

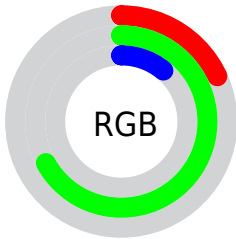
Format	Color
R_{YB}	29, 170, 152
Decimal	3123741
CIE _{Lab}	61.17, -57.89, 56.88
CIE _{LCh}	61, 81.160, 135.502
Yxy	29.4425, 0.3078, 0.5748
Android (android.graphics.Color)	4281313821 (0xFF2FAA1D)
YUV	117.1490, -43.4575, -61.5207
Hunter-Lab	54.2609, -43.0827, 31.4110

Details

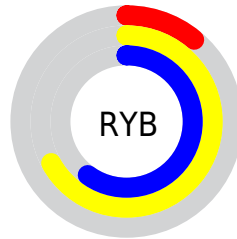
The Hex color **2FAA1D** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **981DAA**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **70E257**, and **007400** is the 20% darker color. If you saturate the color by 10%, you get **20AA0C**, and if you desaturate by 10%, it is **3EAA2E**.

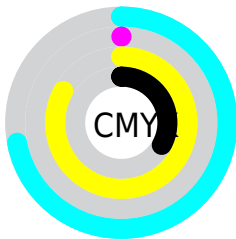
Distribution



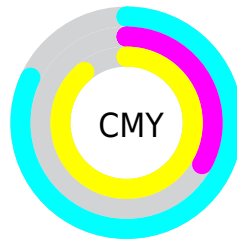
- Red (18%)
- Green (67%)
- Blue (11%)



- Red (11%)
- Yellow (67%)
- Blue (60%)



- Cyan (72%)
- Magenta (0%)
- Yellow (83%)
- Black (33%)



- Cyan (82%)
- Magenta (33%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FAA1D 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 2FAA1D by changing the saturation by 10% instead.

 2FAA1D

 2FAA1D

FFFFFF

 008F00

 70E257

 007400

 8EFF72

 005B00

 ACFF8D

 004200

 CAFFA9

 002B00

 E8FFC5

 000800

 FFFF2

 000000

 2FAA1D

 2FAA1D

 20AA0C

 3EAA2E

■ 16AA00

■ 4DAA3F

■ 5BAA50

■ 6AAA61

■ 79AA72

■ 88AA83

■ 97AA94

■ A6AAA5

■ B4AAB6

Harmonies

Analogous

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



909C00



2FAA1D



00B16D

Triad

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



2FAA1D



00A6FF



FF3F72

Complementary

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



2FAA1D



981DAA

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.



FF46BA



2FAA1D



0C90FF

Square

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



2FAA1D



00B1F9



C46DF9



FC612D

Rectangle

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



2FAA1D



00B39F



C46DF9



FF3A8A

Sweetspot

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



2FAA1D



ADDEA6



AA971D



53704F



F0F0F0



707070

Same Dimension

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



2FAA1D



1CDE00



1DAA51



4D544C



139400



031400

Inverse Universe

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



981DAA



C200DE



AA1D76



534C54



810094



120014

Previews

White Background



This preview shows how the Hex color 2FAA1D looks on a white background.

Color Contrast Check

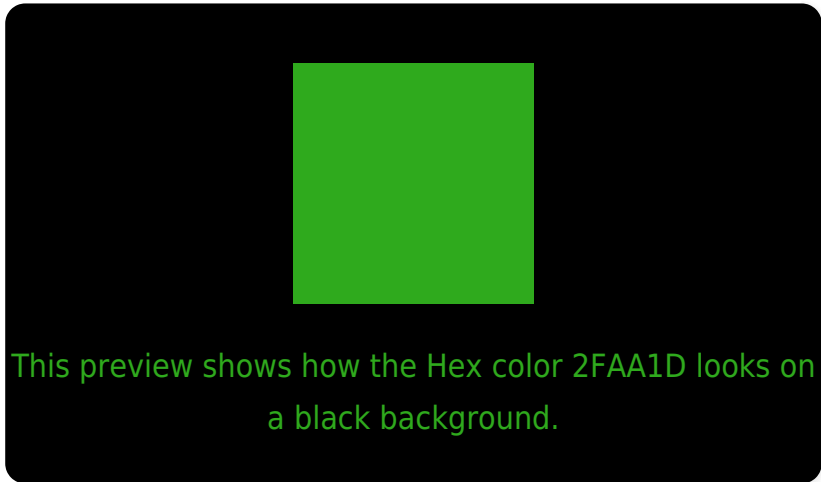
Large Text (above 18pt) WCAG AA ✓ Pass

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 2FAA1D Background



This preview shows how black text looks on a background with the Hex color 2FAA1D.

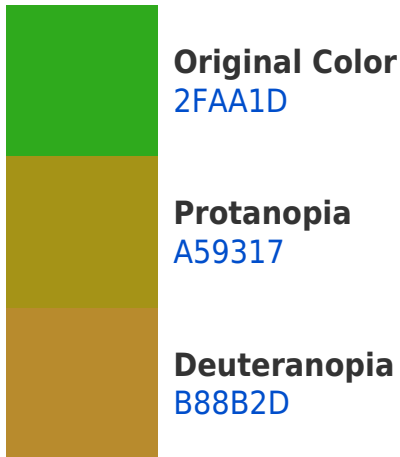


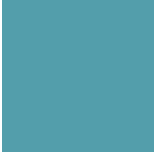
This preview shows how white text looks on a background with the Hex color 2FAA1D.

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](#).

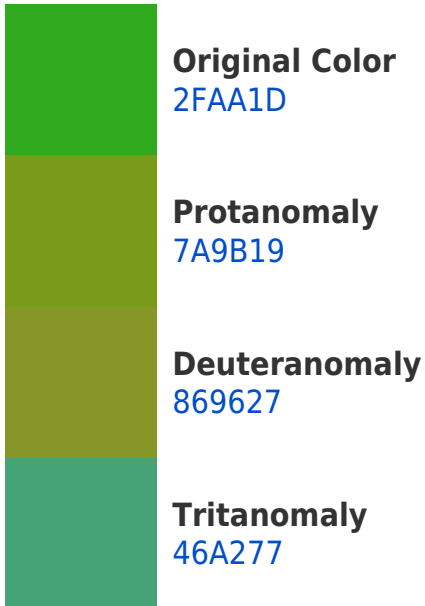
Dichromacy



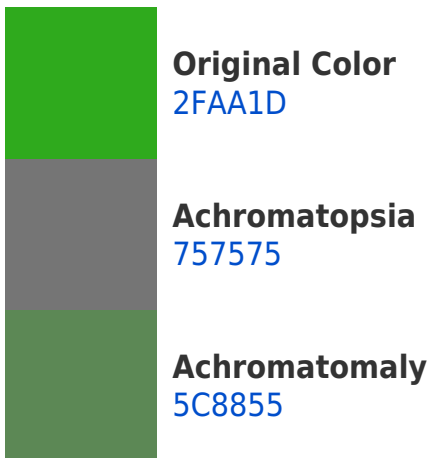


Tritanopia
539EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FAA1D 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 #2FAA1D looks like.

```
.text, #text, p{  
    color:#2FAA1D  
}
```

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 #2FAA1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FAA1D
}
```

Border

The CSS property to change the border of an element to Hex 2FAA1D 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
#2FAA1D }
```

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

```
.border{ border-color:#2FAA1D }
```

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

Here you see how a box with a 4 pixel #2FAA1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FAA1D; -webkit-box-shadow:4px 4px  
4px 4px #2FAA1D; box-shadow:4px 4px 4px  
4px #2FAA1D }
```

Background

The CSS property to change the background color of an element to Hex 2FAA1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FAA1D }
```

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

```
.background{ background-color:#2FAA1D }
```

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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