

# Converting Colors

Hex(A2F41C)

Have a look what the booklet for  
Hex(A2F41C) contains.

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**Color**

**Hex(A2F41C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2F41C
RGB	162, 244, 28
RGB Percent	64%, 96%, 11%
CMY	0.3647, 0.0431, 0.8902
CMYK	0.34, 0.00, 0.89, 0.04
HSL	83°, 91%, 53%
HSV	83°, 89%, 96%
XYZ	47.4606, 72.4666, 12.5846
YIQ	194.8580, 20.4640, -84.5600

# Conversions

## Conversions Part 2

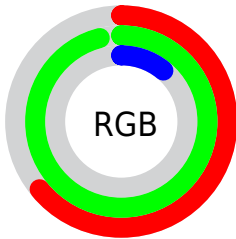
Format	Color
RYB	28, 244, 110
Decimal	10679324
CIELab	88.19, -52.43, 82.22
CIElCh	88, 97.516, 122.525
Yxy	72.4666, 0.3582, 0.5469
Android (android.graphics.Color)	4288869404 (0xFFA2F41C)
YUV	194.8580, -82.2610, -28.8165
Hunter-Lab	85.1273, -49.4546, 50.8241

# Details

The Hex color **A2F41C** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **6E1CF4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **DEFF64**, and **66BB00** is the 20% darker color. If you saturate the color by 10%, you get **99F404**, and if you desaturate by 10%, it is **ABF434**.

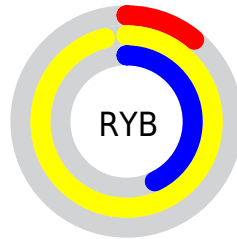
# Distribution



Red (64%)

Green (96%)

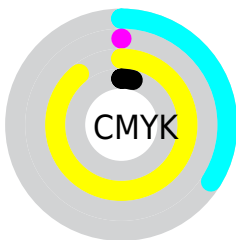
Blue (11%)



Red (11%)

Yellow (96%)

Blue (43%)

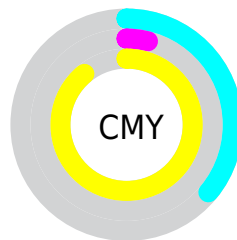


Cyan (34%)

Magenta (0%)

Yellow (89%)

Black (4%)



Cyan (36%)

Magenta (4%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2F41C 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 A2F41C by changing the saturation by 10% instead.



 A2F41C

 A2F41C

FFFFFF

 84D700

 DEFF64

 66BB00

 FDF882

 47A000

 FFFF9F

 238500

 FFFFBD

 006B00

 FFFFDB

 005200

 FFFFF9


 003A00

 002300

 000000

 A2F41C

 A2F41C

 99F404

 ABF434

 97F400

 B5F44D

 BEF465

 C7F47E

 D0F496

 DAF4AE

 E3F4C7

 ECF4DF

 F5F4F8

# Harmonies

## Analogous

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



FFDC00



A2F41C



00FF82

# Triad

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



A2F41C



00DFFF



FF78D9

# Complementary

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



A2F41C



6E1CF4

# 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.



FF93FF



A2F41C



00E6FF

# Square

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



A2F41C



00FFFF



E4C1FF



FF8D7F

# Rectangle

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



A2F41C



00FFC2



E4C1FF



FF7CF9

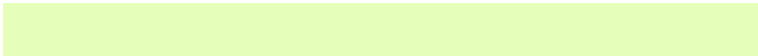


# Sweetspot

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



A2F41C



E5FFBA



F46B1C



708057



000000



808080



# Same Dimension

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



A2F41C



9EFF00



39F41C



767A6E



73BA00



243B00



# Inverse Universe

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



6E1CF4



6100FF



D71CF4



736E7A



4700BA

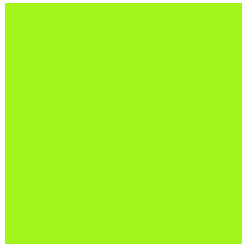


16003B



# Previews

## White Background



This preview shows how the Hex color A2F41C looks on a white background.

## Color Contrast Check

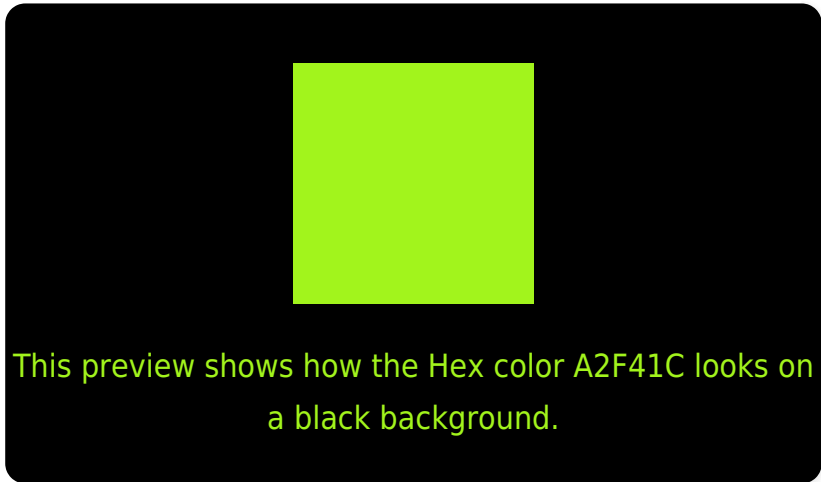
Large Text (above 18pt) WCAG AA × Fail

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 A2F41C Background



This preview shows how black text looks on a background with the Hex color A2F41C.

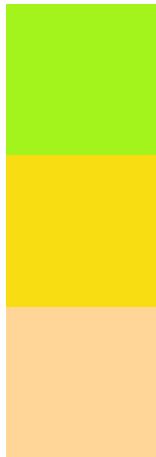


This preview shows how white text looks on a background with the Hex color A2F41C.

# 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](#).

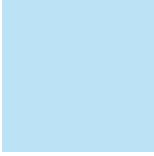
## Dichromacy



**Original Color**  
A2F41C

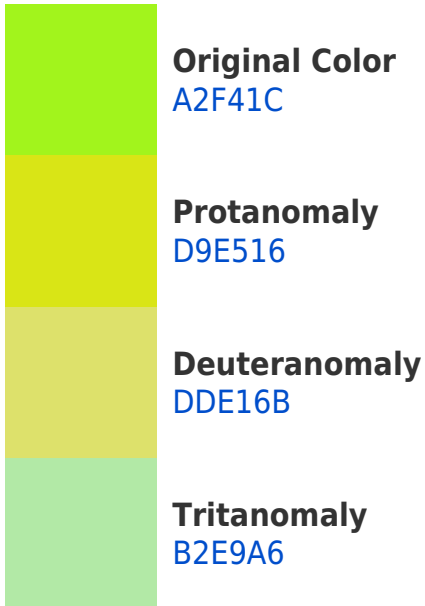
**Protanopia**  
F8DD13

**Deuteranopia**  
FFD698

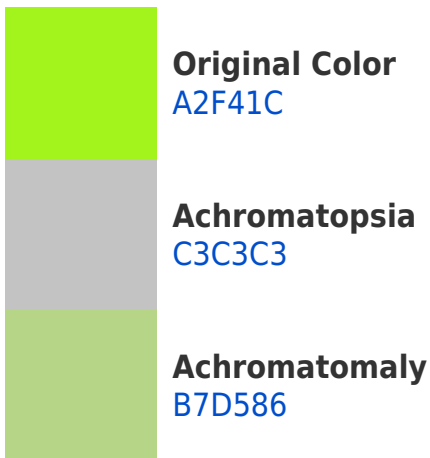


**Tritanopia**  
BBE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2F41C 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 #A2F41C looks like.

```
.text, #text, p{  
    color:#A2F41C  
}
```

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 #A2F41C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2F41C
}
```

## Border

The CSS property to change the border of an element to Hex A2F41C 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
#A2F41C }
```

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

```
.border{ border-color:#A2F41C }
```

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

Here you see how a box with a 4 pixel #A2F41C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2F41C; -webkit-box-shadow:4px 4px  
4px 4px #A2F41C; box-shadow:4px 4px 4px  
4px #A2F41C }
```

# Background

The CSS property to change the background color of an element to Hex A2F41C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2F41C }
```

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

```
.background{ background-color:#A2F41C }
```

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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