

Converting Colors

Hex(42F71E)

Have a look what the booklet for
Hex(42F71E) contains.

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Color

Hex(42F71E)

Conversions

Conversions Part 1

Format	Color
Hex	42F71E
RGB	66, 247, 30
RGB Percent	26%, 97%, 12%
CMY	0.7412, 0.0314, 0.8824
CMYK	0.73, 0.00, 0.88, 0.03
HSL	110°, 93%, 54%
HSV	110°, 88%, 97%
XYZ	35.7419, 67.7735, 12.4261
YIQ	168.1430, -38.2190, -105.8590

Conversions

Conversions Part 2

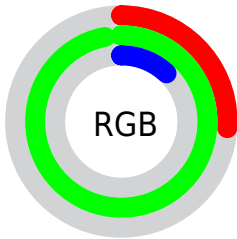
Format	Color
RYB	30, 247, 211
Decimal	4388638
CIELab	85.89, -78.30, 78.67
CIELCh	86, 110.991, 134.865
Yxy	67.7735, 0.3083, 0.5845
Android (android.graphics.Color)	4282578718 (0xFF42F71E)
YUV	168.1430, -68.1045, -89.5794
Hunter-Lab	82.3247, -66.5711, 48.6780

Details

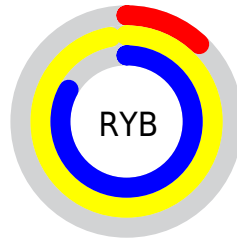
The Hex color **42F71E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **D31EF7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **8DFF64**, and **00BD00** is the 20% darker color. If you saturate the color by 10%, you get **2DF705**, and if you desaturate by 10%, it is **57F737**.

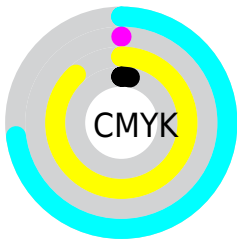
Distribution



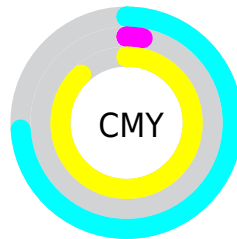
- Red (26%)
- Green (97%)
- Blue (12%)



- Red (12%)
- Yellow (97%)
- Blue (83%)



- Cyan (73%)
- Magenta (0%)
- Yellow (88%)
- Black (3%)



- Cyan (74%)
- Magenta (3%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42F71E 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 42F71E by changing the saturation by 10% instead.

 42F71E

 42F71E

FFFFFF

 00DA00

 8DFF64

 00BD00

 ADF82

 00A100

 CEFF9F

 008500

 EDFFBD

 006A00

 FFFFDB

 005000

 FFFFF9

 003800

 001D00

 000000

 42F71E

 42F71E

 2DF705

 57F737

 29F700

 6BF74F

 80F768

 94F781

 A9F79A

 BEF7B2

 D2F7CB

 E7F7E4

 FBF7FC

Harmonies

Analogous

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



D2E200



42F71E



00FF9C

Triad

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



42F71E



00F2FF



FF53A8

Complementary

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



42F71E



D31EF7

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.



FF61FF



42F71E



00D2FF

Square

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



42F71E



00FFFF



FF9EFF



FF8A41

Rectangle

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



42F71E



00FFE6



FF9EFF



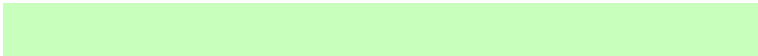
FF4CCA

Sweetspot

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



42F71E



C8FFBD



F7D31E



5F8058



000000



808080

Same Dimension

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



42F71E



2AFF00



1EF766



707A6E



1FBA00



0A3B00

Inverse Universe

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



D31EF7



D500FF



F71EAF



786E7A



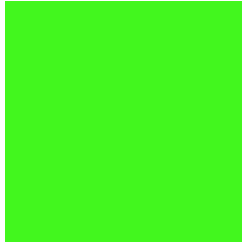
9B00BA



31003B

Previews

White Background



This preview shows how the Hex color 42F71E 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



This preview shows how the Hex color 42F71E looks on a 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 42F71E Background



This preview shows how black text looks on a background with the Hex color 42F71E.

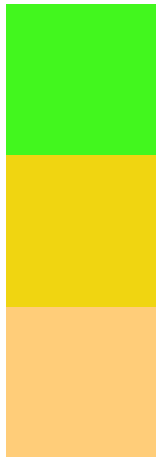


This preview shows how white text looks on a background with the Hex color 42F71E.

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](#).

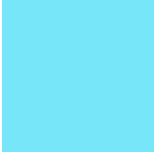
Dichromacy



Original Color
42F71E

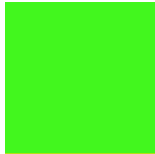
Protanopia
F0D511

Deuteranopia
FFCD79



Tritanopia
77E6F8

Trichromacy



Original Color
42F71E



Protanomaly
B1E116

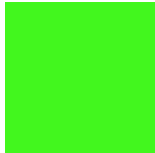


Deuteranomaly
BADC58



Tritanomaly
64ECA9

Monochromacy



Original Color
42F71E



Achromatopsia
A8A8A8



Achromatomaly
83C576

CSS Examples

Text

The CSS property to change the color of the text to Hex 42F71E 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 #42F71E looks like.

```
.text, #text, p{  
    color:#42F71E  
}
```

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 #42F71E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42F71E
}
```

Border

The CSS property to change the border of an element to Hex 42F71E 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
#42F71E }
```

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

```
.border{ border-color:#42F71E }
```

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

Here you see how a box with a 4 pixel #42F71E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42F71E; -webkit-box-shadow:4px 4px  
4px 4px #42F71E; box-shadow:4px 4px 4px  
4px #42F71E }
```

Background

The CSS property to change the background color of an element to Hex 42F71E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42F71E }
```

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

```
.background{ background-color:#42F71E }
```

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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