

Converting Colors

Hex(71FA1B)

Have a look what the booklet for
Hex(71FA1B) contains.

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Color

Hex(71FA1B)

Conversions

Conversions Part 1

Format	Color
Hex	71FA1B
RGB	113, 250, 27
RGB Percent	44%, 98%, 11%
CMY	0.5569, 0.0196, 0.8941
CMYK	0.55, 0.00, 0.89, 0.02
HSL	97°, 96%, 54%
HSV	97°, 89%, 98%
XYZ	41.1935, 71.9611, 12.7557
YIQ	183.6150, -10.0690, -98.3970

Conversions

Conversions Part 2

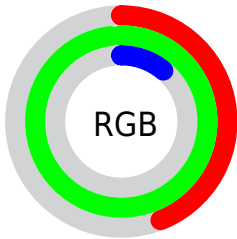
Format	Color
RYB	27, 250, 164
Decimal	7469595
CIELab	87.95, -69.68, 81.36
CIELCh	88, 107.119, 130.575
Yxy	71.9611, 0.3272, 0.5715
Android (android.graphics.Color)	4285659675 (0xFF71FA1B)
YUV	183.6150, -77.2112, -61.9294
Hunter-Lab	84.8299, -61.7724, 50.4656

Details

The Hex color **71FA1B** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **A41BFA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B1FF64**, and **20C000** is the 20% darker color. If you saturate the color by 10%, you get **62FA02**, and if you desaturate by 10%, it is **80FA34**.

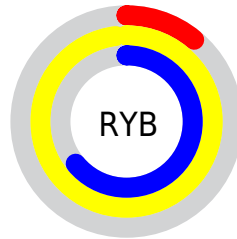
Distribution



Red (44%)

Green (98%)

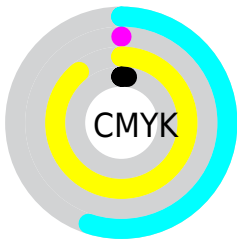
Blue (11%)



Red (11%)

Yellow (98%)

Blue (64%)

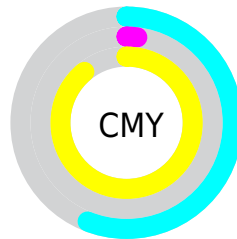


Cyan (55%)

Magenta (0%)

Yellow (89%)

Black (2%)



Cyan (56%)

Magenta (2%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71FA1B 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 71FA1B by changing the saturation by 10% instead.

 71FA1B

 71FA1B

FFFFFF

 4EDD00

 B1FF64

 20C000

 D0FF82

 00A400

 EFFF9F

 008900

 FFFFBD

 006E00

 FFFFDB

 005400

 FFFFF9

 003C00

 002300

 000000

 71FA1B

 71FA1B

 62FA02

 80FA34

 60FA00

 90FA4D

 9FFA66

 AEFA7F

 BEFA98

 CDFAB1

 DDFACA

 ECFAE3

 FBFAFC

Harmonies

Analogous

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



E8E400



71FA1B



00FF94

Triad

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



71FA1B



00FAFF



FF63BD

Complementary

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



71FA1B



A41BFA

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.



FF78FF



71FA1B



00DDFF

Square

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



71FA1B



00FFFF



FFAFFF



FF8C5B

Rectangle

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



71FA1B



00FFDC



FFAFFF



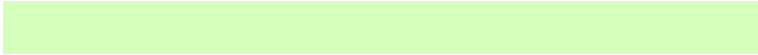
FF62DF

Sweetspot

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



71FA1B



D5FFBA



FAA11B



668057



000000



808080

Same Dimension

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



71FA1B



62FF00



1BFA31



757D70



49BD00



183D00

Inverse Universe

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



A41BFA



9D00FF



FA1BE4



78707D



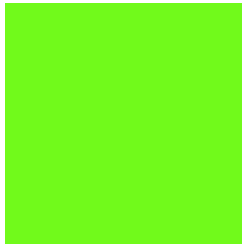
7400BD



26003D

Previews

White Background



This preview shows how the Hex color 71FA1B looks on a white background.

Color Contrast Check

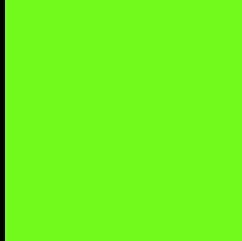
Large Text (above 18pt) WCAG AA × Fail

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 71FA1B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

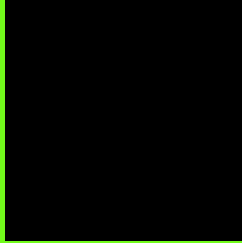
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

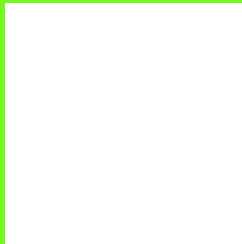
Any Text WCAG AAA ✓ Pass

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

Hex 71FA1B Background



This preview shows how black text looks on a background with the Hex color 71FA1B.



This preview shows how white text looks on a background with the Hex color 71FA1B.

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](#).

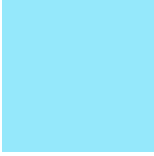
Dichromacy



Original Color
E67E22

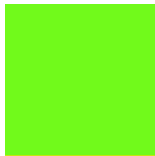
Protanopia
F7DB0D

Deuteranopia
FFD493



Tritanopia
95E8FB

Trichromacy



Original Color
71FA1B



Protanomaly
C6E612

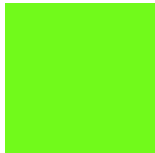


Deuteranomaly
CBE267

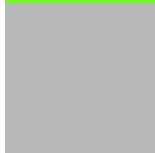


Tritanomaly
88EFAA

Monochromacy



Original Color
71FA1B



Achromatopsia
B8B8B8



Achromatomaly
9ED07F

CSS Examples

Text

The CSS property to change the color of the text to Hex 71FA1B 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 #71FA1B looks like.

```
.text, #text, p{  
    color:#71FA1B  
}
```

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 #71FA1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71FA1B
}
```

Border

The CSS property to change the border of an element to Hex 71FA1B 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
#71FA1B }
```

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

```
.border{ border-color:#71FA1B }
```

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

Here you see how a box with a 4 pixel #71FA1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71FA1B; -webkit-box-shadow:4px 4px  
4px 4px #71FA1B; box-shadow:4px 4px 4px  
4px #71FA1B }
```

Background

The CSS property to change the background color of an element to Hex 71FA1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71FA1B }
```

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

```
.background{ background-color:#71FA1B }
```

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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