

Converting Colors

Hex(F0FD4A)

Have a look what the booklet for
Hex(F0FD4A) contains.

Hex(F0FD4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F0FD4A)

Conversions

Conversions Part 1

Format	Color
Hex	F0FD4A
RGB	240, 253, 74
RGB Percent	94%, 99%, 29%
CMY	0.0588, 0.0078, 0.7098
CMYK	0.05, 0.00, 0.71, 0.01
HSL	64°, 98%, 64%
HSV	64°, 71%, 99%
XYZ	72.2965, 89.2702, 19.8990
YIQ	228.7070, 49.7110, -58.4250

Conversions

Conversions Part 2

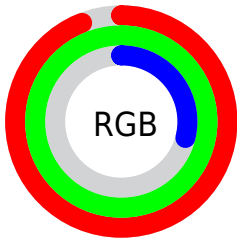
Format	Color
RYB	74, 253, 87
Decimal	15793482
CIELab	95.69, -25.02, 79.08
CIELCh	96, 82.940, 107.556
Yxy	89.2702, 0.3984, 0.4919
Android (android.graphics.Color)	4293983562 (0xFFFF0FD4A)
YUV	228.7070, -76.2706, 9.9040
Hunter-Lab	94.4829, -28.7604, 53.6510

Details

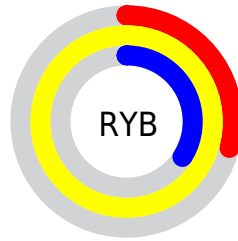
The Hex color **F0FD4A** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **574AFD**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF85**, and **B4C500** is the 20% darker color. If you saturate the color by 10%, you get **EEFD31**, and if you desaturate by 10%, it is **F2FD63**.

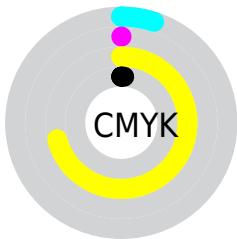
Distribution



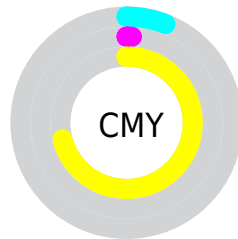
- Red (94%)
- Green (99%)
- Blue (29%)



- Red (29%)
- Yellow (99%)
- Blue (34%)



- Cyan (5%)
- Magenta (0%)
- Yellow (71%)
- Black (1%)



- Cyan (6%)
- Magenta (1%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0FD4A 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 F0FD4A by changing the saturation by 10% instead.

 F0FD4A

 F0FD4A

FFFFFF

 D2E028

 FFFF85

 B4C500

 FFFFA2

 97A900

 FFFFBF

 7A8F00

 FFFFDD

 5F7500

 FFFFFB

 425D00

 274500

 0A2F00

 001C00

 F0FD4A

 F0FD4A

 EEFD31

 F2FD63

 ECFD17

 F4FD7D

 EBF000

 F6FD96

 F7FDAF

 F9FDC9

 FBFDE2

 FDFDFB

 FFFDFF

Harmonies

Analogous

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



FFE34B



F0FD4A



91FF80

Triad

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



F0FD4A



00FFFF



FFADFF

Complementary

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



F0FD4A



574AFD

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.



FFC9FF



F0FD4A



00FFFF

Square

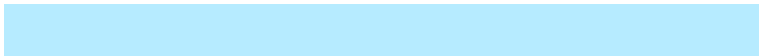
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F0FD4A



00FFFF



B6EBFF



FFAAC7

Rectangle

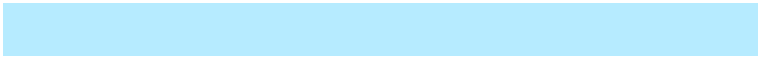
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0FD4A



00FFB2



B6EBFF



FFB4FF

Sweetspot

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



F0FD4A



FBFFC9



FD564A



7D8060



000000



808080

Same Dimension

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



F0FD4A



EFFF26



98FD4A



7F8073



B1BF00



3B4000

Inverse Universe

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



574AFD



3626FF



AF4AFD



747380



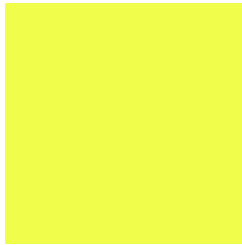
0E00BF



050040

Previews

White Background



This preview shows how the Hex color F0FD4A looks on a white background.

Color Contrast Check

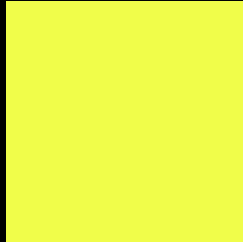
Large Text (above 18pt) WCAG AA × Fail

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 F0FD4A 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 F0FD4A Background



This preview shows how black text looks on a background with the Hex color F0FD4A.



This preview shows how white text looks on a background with the Hex color F0FD4A.

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
F0FD4A

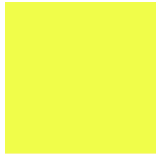
Protanopia
FFF2C2

Deuteranopia
FFF0DF

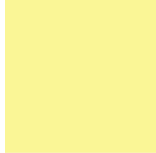


Tritanopia
FFEDFD

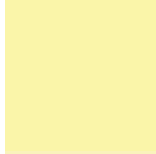
Trichromacy



Original Color
F0FD4A



Protanomaly
FAF696

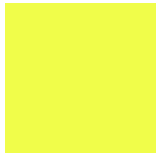


Deuteranomaly
FAF5A9

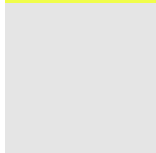


Tritanomaly
FAF3BC

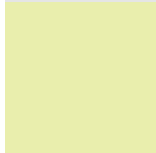
Monochromacy



Original Color
F0FD4A



Achromatopsia
E5E5E5



Achromatomaly
E9EEAD

CSS Examples

Text

The CSS property to change the color of the text to Hex F0FD4A 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 #F0FD4A looks like.

```
.text, #text, p{  
    color:#F0FD4A  
}
```

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 #F0FD4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0FD4A
}
```

Border

The CSS property to change the border of an element to Hex F0FD4A 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
#F0FD4A }
```

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

```
.border{ border-color:#F0FD4A }
```

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

Here you see how a box with a 4 pixel #F0FD4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0FD4A; -webkit-box-shadow:4px 4px  
4px 4px #F0FD4A; box-shadow:4px 4px 4px  
4px #F0FD4A }
```

Background

The CSS property to change the background color of an element to Hex F0FD4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0FD4A }
```

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

```
.background{ background-color:#F0FD4A }
```

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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