

Converting Colors

Hex(F4FF42)

Have a look what the booklet for
Hex(F4FF42) contains.

Hex(F4FF42)	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(F4FF42)

Conversions

Conversions Part 1

Format	Color
Hex	F4FF42
RGB	244, 255, 66
RGB Percent	96%, 100%, 26%
CMY	0.0431, 0.0000, 0.7412
CMYK	0.04, 0.00, 0.74, 0.00
HSL	63°, 100%, 63%
HSV	63°, 74%, 100%
XYZ	74.0516, 91.1464, 18.8443
YIQ	230.1650, 54.1130, -61.1110

Conversions

Conversions Part 2

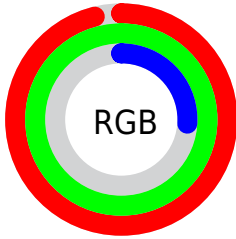
Format	Color
RYB	66, 255, 77
Decimal	16056130
CIELab	96.47, -24.70, 82.46
CIELCh	96, 86.079, 106.678
Yxy	91.1464, 0.4024, 0.4952
Android (android.graphics.Color)	4294246210 (0xFFFF4FF42)
YUV	230.1650, -80.9333, 12.1333
Hunter-Lab	95.4706, -28.6205, 55.1266

Details

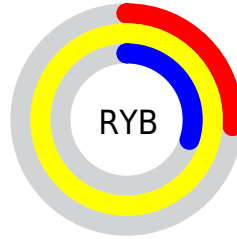
The Hex color **F4FF42** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **4D42FF**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF7F**, and **B8C600** is the 20% darker color. If you saturate the color by 10%, you get **F3FF28**, and if you desaturate by 10%, it is **F5FF5B**.

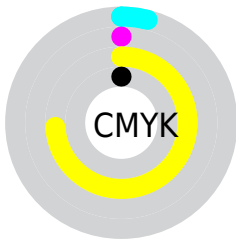
Distribution



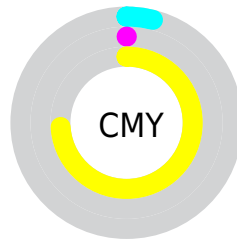
- Red (96%)
- Green (100%)
- Blue (26%)



- Red (26%)
- Yellow (100%)
- Blue (30%)



- Cyan (4%)
- Magenta (0%)
- Yellow (74%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color F4FF42 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 F4FF42 by changing the saturation by 10% instead.

 F4FF42

 F4FF42

FFFFFF

 D6E21A

 FFFF7F

 B8C600

 FFFF9C

 9AAB00

 FFFFBA

 7D9100

 FFFFD7

 617700

 FFFFF5

 455F00

 294700

 0D3000

 001E00

 F4FF42

 F4FF42

 F3FF28

 F5FF5B

 F1FF0F

 F7FF75

 F0FF00

 F8FF8F

 FAFFA8

 FBFFC2

 FDFFD8

 FEFFF4

FFFFFF

Harmonies

Analogous

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



FFE346



F4FF42



92FF7B

Triad

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



F4FF42



00FFFF



FFACFF

Complementary

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



F4FF42



4D42FF

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.



FFCAFF



F4FF42



00FFFF

Square

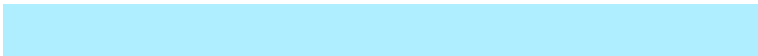
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F4FF42



00FFFF



AEEEFF



FFA8CA

Rectangle

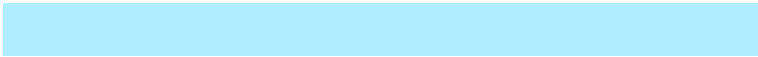
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F4FF42



00FFAF



AEEEFF



FFB4FF

Sweetspot

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



F4FF42



FCFFC7



FF4B42



7E805E



000000



808080

Same Dimension

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



F4FF42



F2FF1C



97FF42



7F8073



B4BF00



3C4000

Inverse Universe

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



4D42FF



291CFF



AA42FF



737380



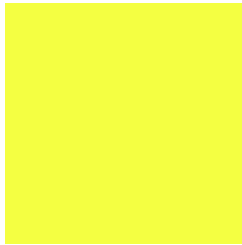
0B00BF



040040

Previews

White Background



This preview shows how the Hex color F4FF42 looks on a white background.

Color Contrast Check

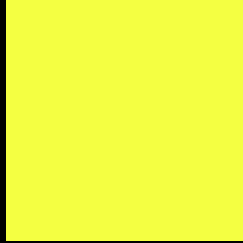
Large Text (above 18pt) WCAG AA × Fail

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 F4FF42 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 F4FF42 Background



This preview shows how black text looks on a background with the Hex color F4FF42.



This preview shows how white text looks on a background with the Hex color F4FF42.

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
F4FF42

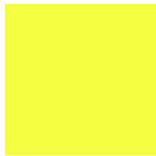
Protanopia
FFF5CE

Deuteranopia
FFF3E4

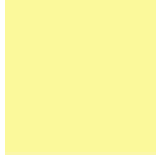


Tritanopia
FFF0FC

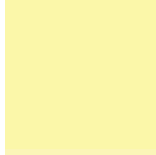
Trichromacy



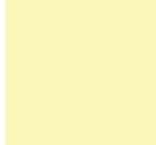
Original Color
F4FF42



Protanomaly
FBF99B



Deuteranomaly
FBF7A9

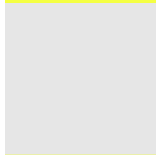


Tritanomaly
FBF5B8

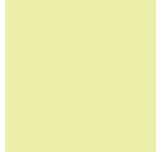
Monochromacy



Original Color
F4FF42



Achromatopsia
E6E6E6



Achromatomaly
EBEFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex F4FF42 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 #F4FF42 looks like.

```
.text, #text, p{  
    color:#F4FF42  
}
```

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 #F4FF42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4FF42
}
```

Border

The CSS property to change the border of an element to Hex F4FF42 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
#F4FF42 }
```

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

```
.border{ border-color:#F4FF42 }
```

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

Here you see how a box with a 4 pixel #F4FF42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4FF42; -webkit-box-shadow:4px 4px  
4px 4px #F4FF42; box-shadow:4px 4px 4px  
4px #F4FF42 }
```

Background

The CSS property to change the background color of an element to Hex F4FF42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4FF42 }
```

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

```
.background{ background-color:#F4FF42 }
```

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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