

Converting Colors

Hex(FAFF00)

Have a look what the booklet for
Hex(FAFF00) contains.

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Color

Hex(FAFF00)

Conversions

Conversions Part 1

Format	Color
Hex	FAFF00
RGB	250, 255, 0
RGB Percent	98%, 100%, 0%
CMY	0.0196, 0.0000, 1.0000
CMYK	0.02, 0.00, 1.00, 0.00
HSL	61°, 100%, 50%
HSV	61°, 100%, 100%
XYZ	75.1843, 91.8440, 13.7650
YIQ	224.4350, 78.8750, -80.3650

Conversions

Conversions Part 2

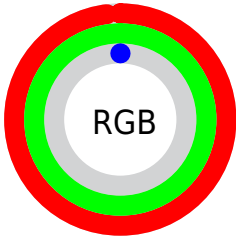
Format	Color
RYB	0, 255, 5
Decimal	16449280
CIELab	96.76, -23.60, 94.03
CIElCh	97, 96.948, 104.091
Yxy	91.8440, 0.4159, 0.5080
Android (android.graphics.Color)	4294639360 (0xFFFAFF00)
YUV	224.4350, -110.6465, 22.4205
Hunter-Lab	95.8353, -27.6756, 58.5687

Details

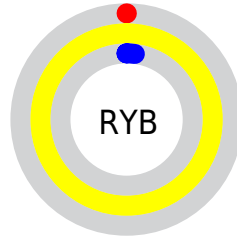
The Hex color **FAFF00** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **0500FF**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFF60**, and **BDC700** is the 20% darker color. If you saturate the color by 10%, you get **FAFF00**, and if you desaturate by 10%, it is **FBFF19**.

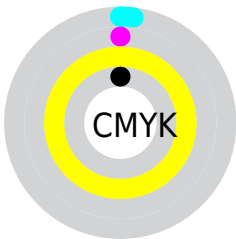
Distribution



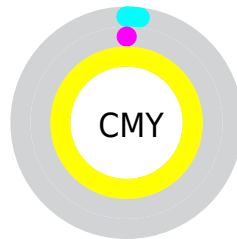
- Red (98%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (2%)



- Cyan (2%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FAFF00 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 FAFF00 by changing the saturation by 10% instead.

 FAFF00

 FAFF00

FFFFFF

 DBE200

 FFFF60

 BDC700

 FFFF7F

 9FAB00

 FFFF9E

 819100

 FFFFBC

 647700

 FFFFDA

 485F00

 FFFFF9

 2C4700

 113100

 001E00

 FAFF00

 FBFF19

 FBFF33

 FCFF4D

 FCFF66

 FDF80

 FDF99

 FEFFB3

 FEFFCC

 FFFFE6

Harmonies

Analogous

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



FFDF25



FAFF00



8CFF62

Triad

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



FAFF00



00FFFF



FFA0FF

Complementary

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



FAFF00



0500FF

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.



FFC8FF



FAFF00



00FFFF

Square

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



FAFF00



00FFFF



81F1FF



FF98CD

Rectangle

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



FAFF00



00FF9F



81F1FF



FFACFF

Sweetspot

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



FAFF00



FEFFB3



FF0400



7F8052



000000



808080

Same Dimension

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



FAFF00



7BFF00



7F8073



BCBF00



3F4000

Inverse Universe

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



0500FF



8400FF



737380



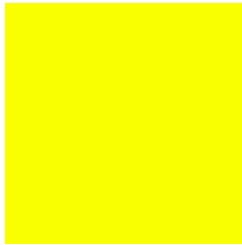
0400BF



010040

Previews

White Background



This preview shows how the Hex color #FAFF00 looks on a white background.

Color Contrast Check

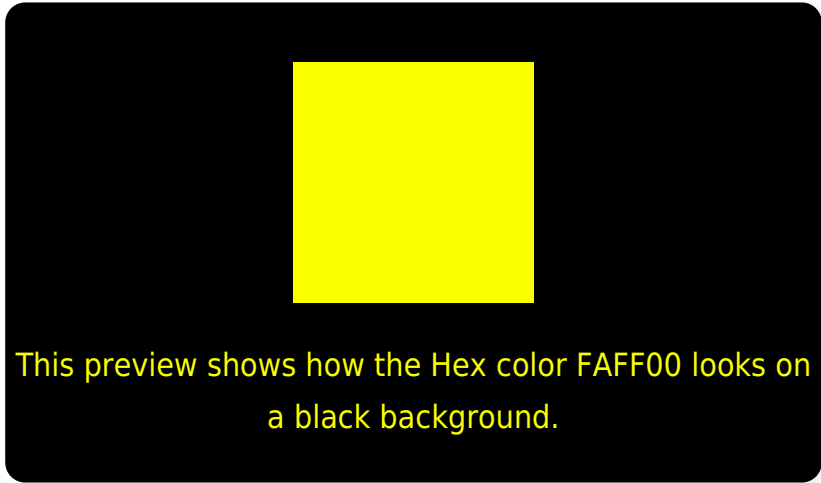
Large Text (above 18pt) WCAG AA × Fail

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 FAFF00 Background



This preview shows how black text looks on a background with the Hex color FAFF00.

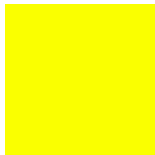


This preview shows how white text looks on a background with the Hex color FAFF00.

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](#).

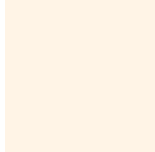
Dichromacy



Original Color
FAFF00



Protanopia
FFF6D2

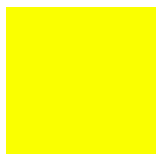


Deuteranopia
FFF4E6



Tritanopia
FFF2FA

Trichromacy



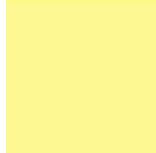
Original Color

FAFF00



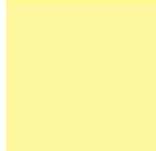
Protanomaly

FDF986



Deuteranomaly

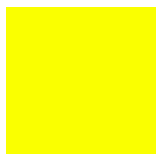
FDF892



Tritanomaly

FDF79F

Monochromacy



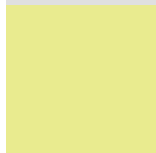
Original Color

FAFF00



Achromatopsia

E0E0E0



Achromatomaly

E9EB8F

CSS Examples

Text

The CSS property to change the color of the text to Hex FAFF00 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 #FAFF00 looks like.

```
.text, #text, p{  
    color:#FAFF00  
}
```

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 #FAFF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAFF00
}
```

Border

The CSS property to change the border of an element to Hex FAFF00 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
#FAFF00 }
```

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

```
.border{ border-color:#FAFF00 }
```

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

Here you see how a box with a 4 pixel #FAFF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAFF00; -webkit-box-shadow:4px 4px  
4px 4px #FAFF00; box-shadow:4px 4px 4px  
4px #FAFF00 }
```

Background

The CSS property to change the background color of an element to Hex FAFF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAFF00 }
```

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

```
.background{ background-color:#FAFF00 }
```

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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