

# Converting Colors

Hex(F0FF2E)

Have a look what the booklet for  
Hex(F0FF2E) contains.

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# **Color**

**Hex(F0FF2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0FF2E
RGB	240, 255, 46
RGB Percent	94%, 100%, 18%
CMY	0.0588, 0.0000, 0.8196
CMYK	0.06, 0.00, 0.82, 0.00
HSL	64°, 100%, 59%
HSV	64°, 82%, 100%
XYZ	72.1883, 90.2425, 16.1986
YIQ	226.6890, 58.1490, -68.1790

# Conversions

## Conversions Part 2

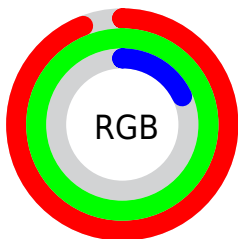
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 255, 61
Decimal	15793966
CIE <sub>Lab</sub>	96.10, -26.99, 87.30
CIE <sub>LCh</sub>	96, 91.373, 107.179
Yxy	90.2425, 0.4041, 0.5052
Android (android.graphics.Color)	4293984046 (0xFFFF0FF2E)
YUV	226.6890, -89.0797, 11.6737
Hunter-Lab	94.9961, -30.5994, 56.3872

# Details

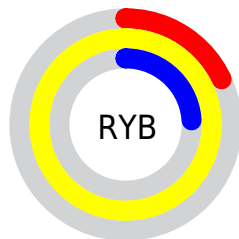
The Hex color **F0FF2E** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3D2EFF**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF71**, and **B4C600** is the 20% darker color. If you saturate the color by 10%, you get **EEFF15**, and if you desaturate by 10%, it is **F2FF48**.

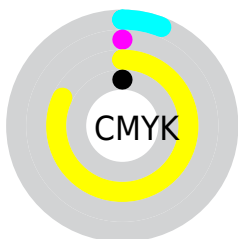
# Distribution



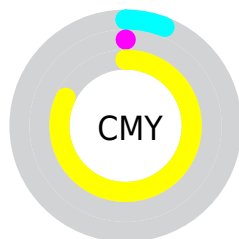
- Red (94%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (24%)



- Cyan (6%)
- Magenta (0%)
- Yellow (82%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0FF2E 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 F0FF2E by changing the saturation by 10% instead.



 F0FF2E

 F0FF2E

FFFFFF

 D2E200

 FFFF71

 B4C600

 FFFF8F

 96AB00

 FFFFAD

 799100

 FFFFCA

 5C7700

 FFFFEB

 405E00

 244700

 053000

 001E00

 F0FF2E

 F0FF2E

 EEFF15

 F2FF48

 EDFF00

 F4FF61

 F5FF7B

 F7FF94

 F9FFAE

 FBFFC7

 FDFFE1

 FFFFFA

FFFFFF

# Harmonies

## Analogous

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



FFE233



F0FF2E



85FF73

# Triad

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



F0FF2E



00FFFF



FFA3FF

# Complementary

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



F0FF2E



3D2EFF

# 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.



FFC5FF



F0FF2E



00FFFF

# Square

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



F0FF2E



00FFFF



A7ECFF



FFA0C5

# Rectangle

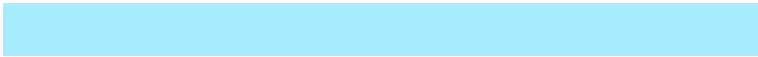
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0FF2E



00FFAB



A7ECFF



FFACFF



# Sweetspot

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



F0FF2E



FAFFBF



FF3C2E



7D8059



000000



808080



# Same Dimension

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



F0FF2E



EDFF05



89FF2E



7F8073



B2BF00



3B4000



# Inverse Universe

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



3D2EFF



1705FF



A42EFF



747380



0E00BF

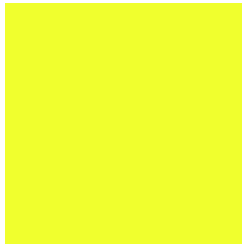


050040



# Previews

## White Background



This preview shows how the Hex color F0FF2E looks on a white background.

## Color Contrast Check

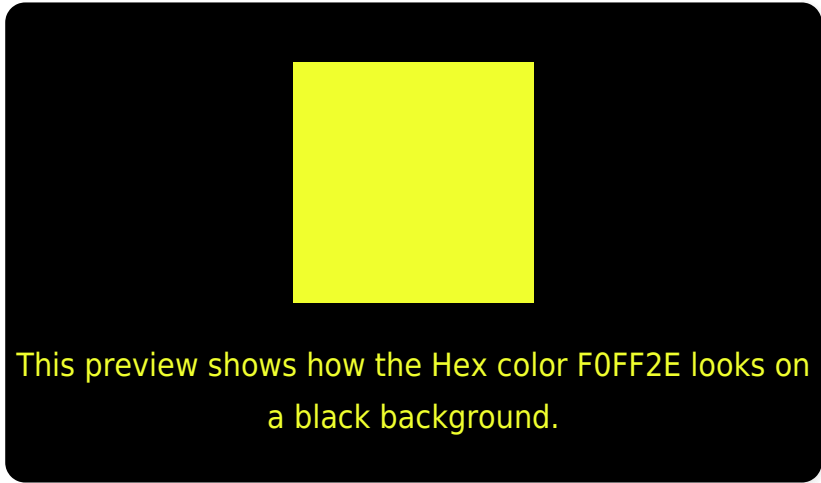
Large Text (above 18pt) WCAG AA × Fail

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 F0FF2E Background



This preview shows how black text looks on a background with the Hex color F0FF2E.



This preview shows how white text looks on a background with the Hex color F0FF2E.

# 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**  
F0FF2E

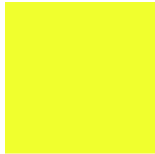
**Protanopia**  
FFF4C8

**Deuteranopia**  
FFF1E1

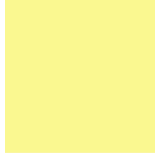


**Tritanopia**  
FFEFEE

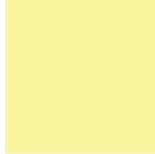
# Trichromacy



**Original Color**  
F0FF2E



**Protanomaly**  
FAF890

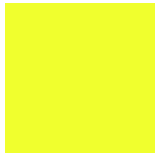


**Deuteranomaly**  
FAF6A0

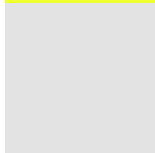


**Tritanomaly**  
FAF5B2

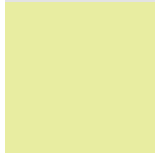
# Monochromacy



**Original Color**  
F0FF2E



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E8EDA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0FF2E 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 #F0FF2E looks like.

```
.text, #text, p{  
    color:#F0FF2E  
}
```

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 #F0FF2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0FF2E
}
```

## Border

The CSS property to change the border of an element to Hex F0FF2E 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
#F0FF2E }
```

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

```
.border{ border-color:#F0FF2E }
```

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

Here you see how a box with a 4 pixel #F0FF2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0FF2E; -webkit-box-shadow:4px 4px  
4px 4px #F0FF2E; box-shadow:4px 4px 4px  
4px #F0FF2E }
```

# Background

The CSS property to change the background color of an element to Hex F0FF2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0FF2E }
```

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

```
.background{ background-color:#F0FF2E }
```

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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