

Converting Colors

Hex(F5FF66)

Have a look what the booklet for
Hex(F5FF66) contains.

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Color

Hex(F5FF66)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF66
RGB	245, 255, 102
RGB Percent	96%, 100%, 40%
CMY	0.0392, 0.0000, 0.6000
CMYK	0.04, 0.00, 0.60, 0.00
HSL	64°, 100%, 70%
HSV	64°, 60%, 100%
XYZ	75.8145, 91.8918, 26.3114
YIQ	234.5680, 43.1530, -49.7030

Conversions

Conversions Part 2

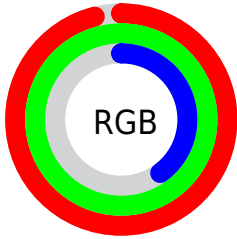
Format	Color
R_YB	102, 255, 112
Decimal	16121702
CIE Lab	96.78, -22.40, 69.87
CIE LCh	97, 73.371, 107.775
Yxy	91.8918, 0.3908, 0.4736
Android (android.graphics.Color)	4294311782 (0xFF5FF66)
YUV	234.5680, -65.3560, 9.1489
Hunter-Lab	95.8602, -26.5823, 50.8284

Details

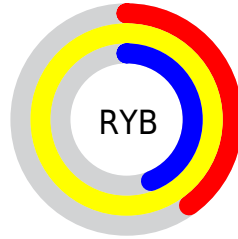
The Hex color **F5FF66** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7066FF**, and the grayscale version is **EBEBEB**.

A 20% lighter version of the original color is **FFFF9E**, and **BAC62A** is the 20% darker color. If you saturate the color by 10%, you get **F3FF4D**, and if you desaturate by 10%, it is **F7FF80**.

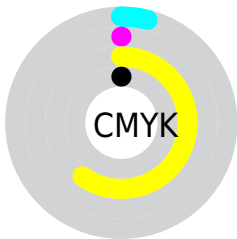
Distribution



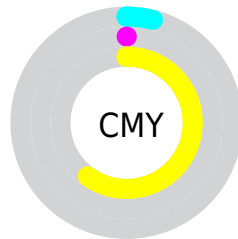
- Red (96%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (44%)



- Cyan (4%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5FF66 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 F5FF66 by changing the saturation by 10% instead.

 F5FF66

 F5FF66

FFFFFF

 D7E249

 FFFF9E

 BAC62A

 FFFFBB

 9DAB00

 FFFFD8

 819100

 FFFFF5

 657700

 4A5E00

 2E4700

 133000

 001D00

 F5FF66

 F5FF66

 F3FF4D

 F7FF80

 F2FF33

 F8FF99

 F0FF19

 FAFFB3

 EEFF00

 FCFFCC

 FDFFE6

FFFFFF

Harmonies

Analogous

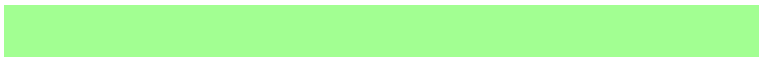
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE866



F5FF66



A2FF92

Triad

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



F5FF66



00FFFF



FFBBFF

Complementary

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



F5FF66



7066FF

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.



FFD2FF



F5FF66



00FFFF

Square

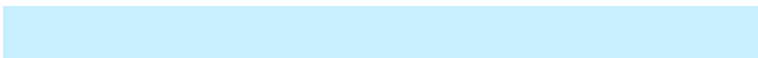
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5FF66



00FFFF



C7EFFF



FFB9CE

Rectangle

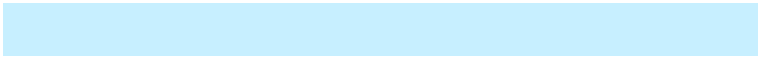
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5FF66



4DFFBD



C7EFFF



FFC1FF

Sweetspot

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



F5FF66



FCFFD1



FF6E66



7E8063



000000



808080

Same Dimension

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



F5FF66



F3FF47



ABFF66



7F8073



B3BF00



3C4000

Inverse Universe

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



7066FF



5347FF



BA66FF



747380



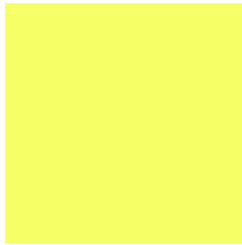
0C00BF



040040

Previews

White Background



This preview shows how the Hex color F5FF66 looks on a white background.

Color Contrast Check

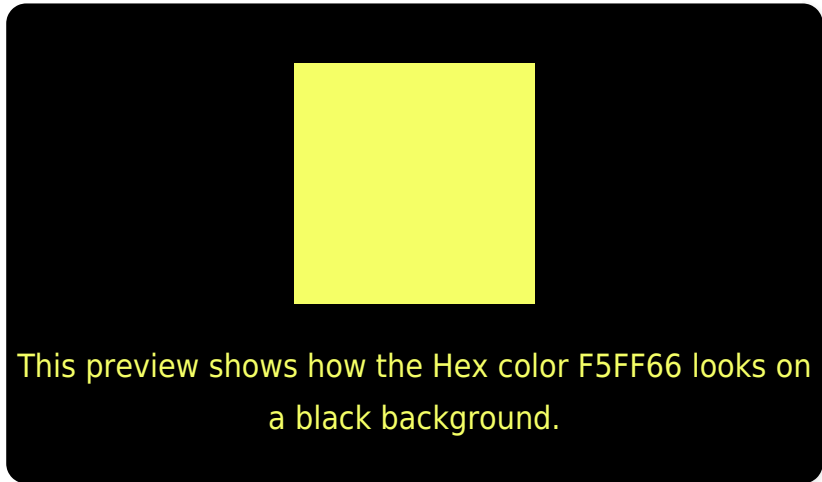
Large Text (above 18pt) WCAG AA × Fail

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 F5FF66 Background



This preview shows how black text looks on a background with the Hex color F5FF66.

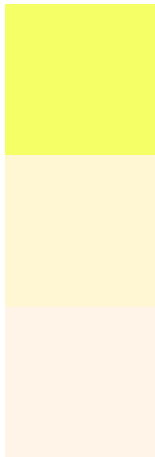


This preview shows how white text looks on a background with the Hex color F5FF66.

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
F5FF66

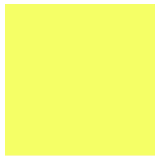
Protanopia
FFF6D3

Deuteranopia
FFF4E7

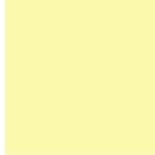


Tritanopia
FFF2FD

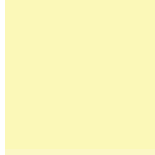
Trichromacy



Original Color
F5FF66



Protanomaly
FBF9AB

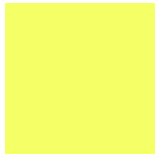


Deuteranomaly
FBF8B8

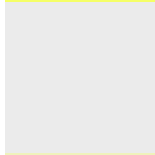


Tritanomaly
FBF7C6

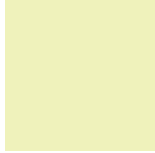
Monochromacy



Original Color
F5FF66



Achromatopsia
EBEBEB



Achromatomaly
EFF2BB

CSS Examples

Text

The CSS property to change the color of the text to Hex F5FF66 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 #F5FF66 looks like.

```
.text, #text, p{  
    color:#F5FF66  
}
```

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 #F5FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FF66
}
```

Border

The CSS property to change the border of an element to Hex F5FF66 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
#F5FF66 }
```

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

```
.border{ border-color:#F5FF66 }
```

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

Here you see how a box with a 4 pixel #F5FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FF66; -webkit-box-shadow:4px 4px  
4px 4px #F5FF66; box-shadow:4px 4px 4px  
4px #F5FF66 }
```

Background

The CSS property to change the background color of an element to Hex F5FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FF66 }
```

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

```
.background{ background-color:#F5FF66 }
```

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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