

Converting Colors

Hex(F5FC36)

Have a look what the booklet for
Hex(F5FC36) contains.

Hex(F5FC36)	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(F5FC36)

Conversions

Conversions Part 1

Format	Color
Hex	F5FC36
RGB	245, 252, 54
RGB Percent	96%, 99%, 21%
CMY	0.0392, 0.0118, 0.7882
CMYK	0.03, 0.00, 0.79, 0.01
HSL	62°, 97%, 60%
HSV	62°, 79%, 99%
XYZ	73.1324, 89.2996, 16.8721
YIQ	227.3350, 59.3860, -63.0620

Conversions

Conversions Part 2

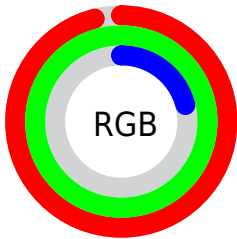
Format	Color
RYB	54, 252, 61
Decimal	16120886
CIELab	95.71, -23.32, 85.17
CIELCh	96, 88.307, 105.311
Yxy	89.2996, 0.4079, 0.4980
Android (android.graphics.Color)	4294310966 (0xFFFF5FC36)
YUV	227.3350, -85.4542, 15.4922
Hunter-Lab	94.4985, -27.2311, 55.5631

Details

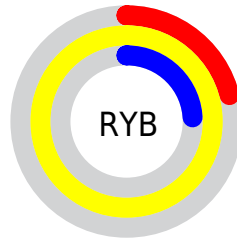
The Hex color **F5FC36** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3D36FC**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFF76**, and **B9C400** is the 20% darker color. If you saturate the color by 10%, you get **F4FC1D**, and if you desaturate by 10%, it is **F6FC4F**.

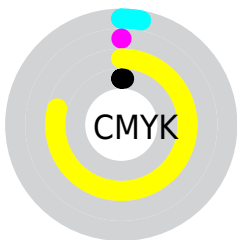
Distribution



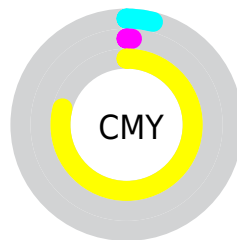
- Red (96%)
- Green (99%)
- Blue (21%)



- Red (21%)
- Yellow (99%)
- Blue (24%)



- Cyan (3%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5FC36 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 F5FC36 by changing the saturation by 10% instead.

 F5FC36

FFFFFF

 FFFF76

 FFFF93

 FFFFB1

 FFFFCE

 FFFFED

 F5FC36

 D7DF00

 B9C400

 9BA900

 7E8E00

 617500

 455C00

 2A4500

 0E2E00

 001C00

 F5FC36

 F5FC36

 F4FC1D

 F6FC4F

 F3FC04

 F7FC68

 F3FC00

 F8FC82

 F9FC9B

 F9FCB4

 FAFCCD

 FBFCE6

 FCFCFF

 FDFCFF

Harmonies

Analogous

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



FFDF3F



F5FC36



91FF72

Triad

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



F5FC36



00FFFF



FFA7FF

Complementary

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



F5FC36



3D36FC

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



F5FC36



00FFFF

Square

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



F5FC36



00FFFF



9EEDFF



FFA2CA

Rectangle

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



F5FC36



00FFA7



9EEDFF



FFB1FF

Sweetspot

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



F5FC36



FDFFC2



FC3D36



7E805B



000000



808080

Same Dimension

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



F5FC36



F7FF0F



92FC36



7D7D70



B6BD00



3B3D00

Inverse Universe

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



3D36FC



180FFF



A036FC



71707D



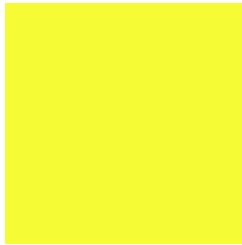
0700BD



02003D

Previews

White Background



This preview shows how the Hex color F5FC36 looks on a white background.

Color Contrast Check

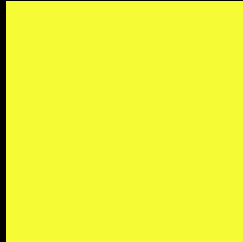
Large Text (above 18pt) WCAG AA × Fail

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 F5FC36 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 F5FC36 Background



This preview shows how black text looks on a background with the Hex color F5FC36.



This preview shows how white text looks on a background with the Hex color F5FC36.

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
F5FC36

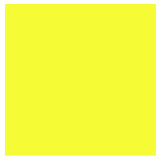
Protanopia
FFF3C2

Deuteranopia
FFF0DE

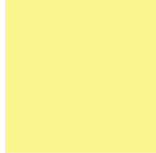


Tritanopia
FFEDF9

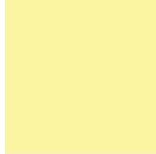
Trichromacy



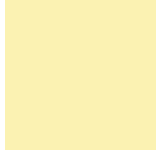
Original Color
F5FC36



Protanomaly
FBF68F

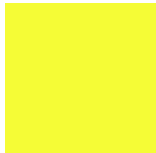


Deuteranomaly
FBF4A1

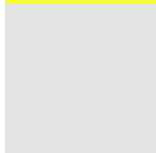


Tritanomaly
FBF2B2

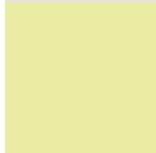
Monochromacy



Original Color
F5FC36



Achromatopsia
E3E3E3



Achromatomaly
EAECA4

CSS Examples

Text

The CSS property to change the color of the text to Hex F5FC36 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 #F5FC36 looks like.

```
.text, #text, p{  
    color:#F5FC36  
}
```

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 #F5FC36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FC36
}
```

Border

The CSS property to change the border of an element to Hex F5FC36 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
#F5FC36 }
```

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

```
.border{ border-color:#F5FC36 }
```

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

Here you see how a box with a 4 pixel #F5FC36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FC36; -webkit-box-shadow:4px 4px  
4px 4px #F5FC36; box-shadow:4px 4px 4px  
4px #F5FC36 }
```

Background

The CSS property to change the background color of an element to Hex F5FC36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FC36 }
```

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

```
.background{ background-color:#F5FC36 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor