

Converting Colors

Hex(F5FF52)

Have a look what the booklet for
Hex(F5FF52) contains.

Hex(F5FF52)	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(F5FF52)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF52
RGB	245, 255, 82
RGB Percent	96%, 100%, 32%
CMY	0.0392, 0.0000, 0.6784
CMYK	0.04, 0.00, 0.68, 0.00
HSL	63°, 100%, 66%
HSV	63°, 68%, 100%
XYZ	74.9392, 91.5417, 21.7022
YIQ	232.2880, 49.5730, -55.9230

Conversions

Conversions Part 2

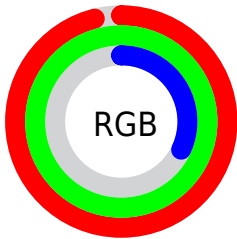
Format	Color
R _Y B	82, 255, 92
Decimal	16121682
CIE Lab	96.63, -23.57, 77.37
CIE LCh	97, 80.878, 106.945
Yxy	91.5417, 0.3982, 0.4865
Android (android.graphics.Color)	4294311762 (0xFFFF5FF52)
YUV	232.2880, -74.0920, 11.1484
Hunter-Lab	95.6774, -27.6256, 53.5256

Details

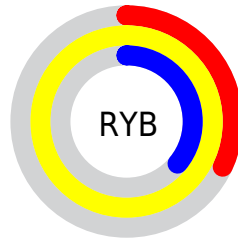
The Hex color **F5FF52** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5C52FF**, and the grayscale version is **E9E9E9**.

A 20% lighter version of the original color is **FFFF8C**, and **B9C600** is the 20% darker color. If you saturate the color by 10%, you get **F4FF39**, and if you desaturate by 10%, it is **F6FF6B**.

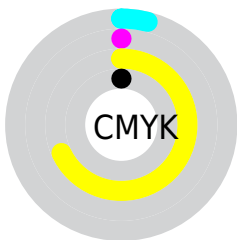
Distribution



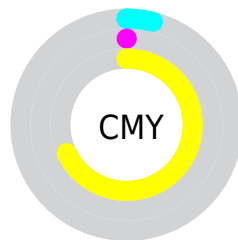
- Red (96%)
- Green (100%)
- Blue (32%)



- Red (32%)
- Yellow (100%)
- Blue (36%)



- Cyan (4%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5FF52 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 F5FF52 by changing the saturation by 10% instead.

 F5FF52

 F5FF52

FFFFFF

 D7E232

 FFFF8C

 B9C600

 FFFFA9

 9CAB00

 FFFFC6

 7F9100

 FFFFE4

 637700

 475F00

 2C4700

 103000

 001D00

 F5FF52

 F5FF52

 F4FF39

 F6FF6B

 F2FF1F

 F8FF85

 F1FF06

 F9FF9F

 F0FF00

 FBFFB8

 FCFFD2

 FEFFEB

FFFFFF

Harmonies

Analogous

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



FFE554



F5FF52



99FF84

Triad

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



F5FF52



00FFFF



FFB2FF

Complementary

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



F5FF52



5C52FF

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.



FFCEFF



F5FF52



00FFFF

Square

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



F5FF52



00FFFF



B9EEFF



FFB0CC

Rectangle

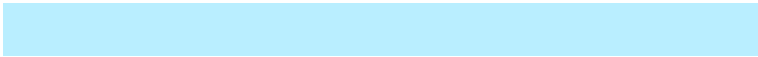
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5FF52



1EFFB5



B9EEFF



FFBAFF

Sweetspot

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



F5FF52



FCFFCC



FF5B52



7E8061



000000



808080

Same Dimension

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



F5FF52



F3FF30



A0FF52



7F8073



B4BF00



3C4000

Inverse Universe

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



5C52FF



3C30FF



B152FF



737380



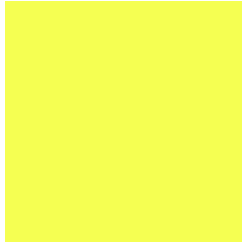
0B00BF



040040

Previews

White Background



This preview shows how the Hex color F5FF52 looks on a white background.

Color Contrast Check

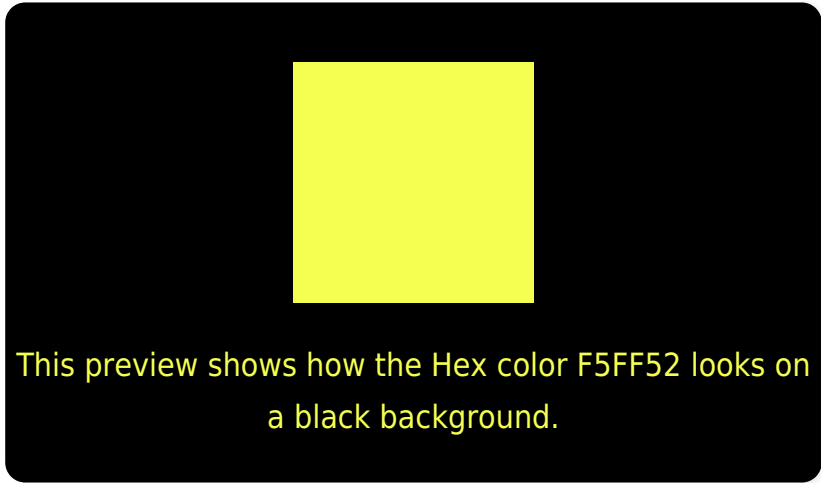
Large Text (above 18pt) WCAG AA × Fail

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 F5FF52 Background



This preview shows how black text looks on a background with the Hex color F5FF52.



This preview shows how white text looks on a background with the Hex color F5FF52.

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
F5FF52

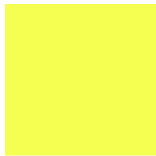
Protanopia
FFF5D0

Deuteranopia
FFF3E6

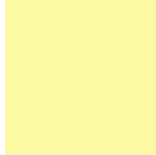


Tritanopia
FFF1FC

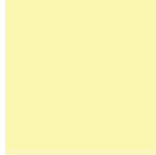
Trichromacy



Original Color
F5FF52



Protanomaly
FBF9A2

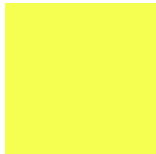


Deuteranomaly
FBF7B0

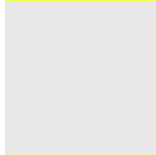


Tritanomaly
FBF6BE

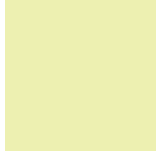
Monochromacy



Original Color
F5FF52



Achromatopsia
E8E8E8



Achromatomaly
EDF0B1

CSS Examples

Text

The CSS property to change the color of the text to Hex F5FF52 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 #F5FF52 looks like.

```
.text, #text, p{  
    color:#F5FF52  
}
```

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 #F5FF52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FF52
}
```

Border

The CSS property to change the border of an element to Hex F5FF52 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
#F5FF52 }
```

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

```
.border{ border-color:#F5FF52 }
```

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

Here you see how a box with a 4 pixel #F5FF52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FF52; -webkit-box-shadow:4px 4px  
4px 4px #F5FF52; box-shadow:4px 4px 4px  
4px #F5FF52 }
```

Background

The CSS property to change the background color of an element to Hex F5FF52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FF52 }
```

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

```
.background{ background-color:#F5FF52 }
```

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