

Converting Colors

Hex(F5FF32)

Have a look what the booklet for
Hex(F5FF32) contains.

Hex(F5FF32)	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(F5FF32)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF32
RGB	245, 255, 50
RGB Percent	96%, 100%, 20%
CMY	0.0392, 0.0000, 0.8039
CMYK	0.04, 0.00, 0.80, 0.00
HSL	63°, 100%, 60%
HSV	63°, 80%, 100%
XYZ	73.9919, 91.1628, 16.7140
YIQ	228.6400, 59.8450, -65.8750

Conversions

Conversions Part 2

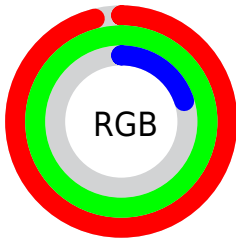
Format	Color
R _Y B	50, 255, 60
Decimal	16121650
CIE Lab	96.48, -24.86, 86.84
CIE LCh	96, 90.326, 105.973
Yxy	91.1628, 0.4068, 0.5013
Android (android.graphics.Color)	4294311730 (0xFF5FF32)
YUV	228.6400, -88.0695, 14.3477
Hunter-Lab	95.4792, -28.7594, 56.4565

Details

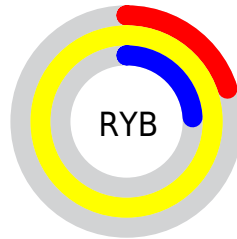
The Hex color **F5FF32** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3C32FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFF74**, and **B8C700** is the 20% darker color. If you saturate the color by 10%, you get **F4FF18**, and if you desaturate by 10%, it is **F6FF4C**.

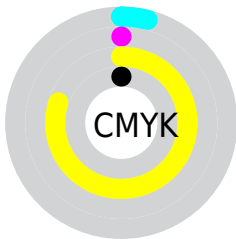
Distribution



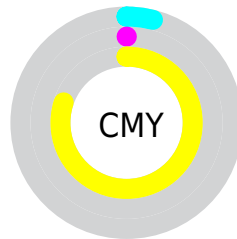
- Red (96%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (24%)



- Cyan (4%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5FF32 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 F5FF32 by changing the saturation by 10% instead.

 F5FF32

 F5FF32

FFFFFF

 D6E200

 FFFF74

 B8C700

 FFFF91

 9BAB00

 FFFFAF

 7E9100

 FFFFCD

 617700

 FFFFEB

 455F00

 294700

 0D3000

 001E00

 F5FF32

 F5FF32

 F4FF18

 F6FF4C

 F3FF00

 F7FF65

 F9FF7F

 FAFF98

 FBFFB2

 FCFFCB

 FEFFE5

FFFFFFE

FFFFFFF

Harmonies

Analogous

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



FFE23A



F5FF32



8EFF73

Triad

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



F5FF32



00FFFF



FFA7FF

Complementary

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



F5FF32



3C32FF

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.



FFC9FF



F5FF32



00FFFF

Square

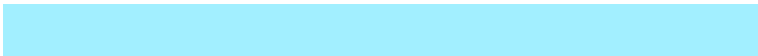
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F5FF32



00FFFF



A2EFFF



FFA2CA

Rectangle

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



F5FF32



00FFAA



A2EFFF



FFB0FF

Sweetspot

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



F5FF32



FCFFC2



FF3932



7E805B



000000



808080

Same Dimension

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



F5FF32



F3FF0A



92FF32



7F8073



B6BF00



3D4000

Inverse Universe

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



3C32FF



160AFF



9F32FF



737380



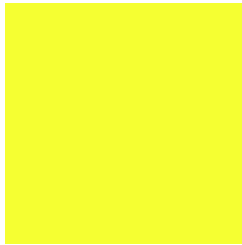
0900BF



030040

Previews

White Background



This preview shows how the Hex color F5FF32 looks on a white background.

Color Contrast Check

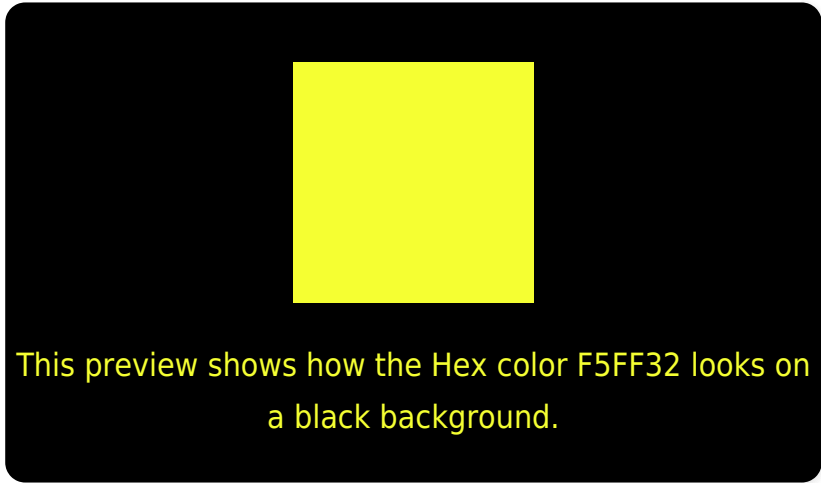
Large Text (above 18pt) WCAG AA × Fail

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 F5FF32 Background



This preview shows how black text looks on a background with the Hex color F5FF32.



This preview shows how white text looks on a background with the Hex color F5FF32.

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
F5FF32

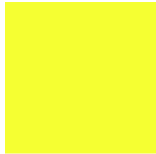
Protanopia
FFF5CE

Deuteranopia
FFF3E4

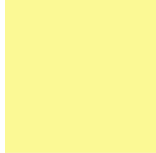


Tritanopia
FFF0FB

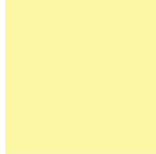
Trichromacy



Original Color
F5FF32



Protanomaly
FBF995

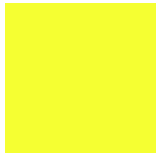


Deuteranomaly
FBF7A3

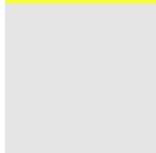


Tritanomaly
FBF5B2

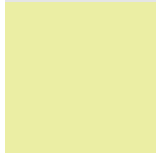
Monochromacy



Original Color
F5FF32



Achromatopsia
E5E5E5



Achromatomaly
EBEEA4

CSS Examples

Text

The CSS property to change the color of the text to Hex F5FF32 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 #F5FF32 looks like.

```
.text, #text, p{  
    color:#F5FF32  
}
```

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 #F5FF32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5FF32
}
```

Border

The CSS property to change the border of an element to Hex F5FF32 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
#F5FF32 }
```

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

```
.border{ border-color:#F5FF32 }
```

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

Here you see how a box with a 4 pixel #F5FF32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5FF32; -webkit-box-shadow:4px 4px  
4px 4px #F5FF32; box-shadow:4px 4px 4px  
4px #F5FF32 }
```

Background

The CSS property to change the background color of an element to Hex F5FF32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5FF32 }
```

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

```
.background{ background-color:#F5FF32 }
```

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