

Converting Colors

Hex(FFF133)

Have a look what the booklet for
Hex(FFF133) contains.

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Color

Hex(FFF133)

Conversions

Conversions Part 1

Format	Color
Hex	FFF133
RGB	255, 241, 51
RGB Percent	100%, 95%, 20%
CMY	0.0000, 0.0549, 0.8000
CMYK	0.00, 0.05, 0.80, 0.00
HSL	56°, 100%, 60%
HSV	56°, 80%, 100%
XYZ	73.2928, 84.4096, 15.5617
YIQ	223.5260, 69.3340, -56.1220

Conversions

Conversions Part 2

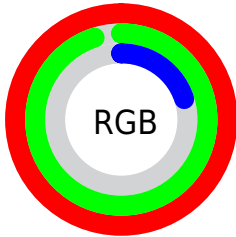
Format	Color
RYB	66, 255, 51
Decimal	16773427
CIELab	93.63, -14.03, 84.45
CIELCh	94, 85.604, 99.433
Yxy	84.4096, 0.4230, 0.4872
Android (android.graphics.Color)	4294963507 (0xFFFFF133)
YUV	223.5260, -85.0553, 27.6027
Hunter-Lab	91.8747, -18.3828, 54.2698

Details

The Hex color **FFF133** 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 **3341FF**, and the grayscale version is **E0E0E0**.

A 20% lighter version of the original color is **FFFF73**, and **C2B900** is the 20% darker color. If you saturate the color by 10%, you get **FFEF19**, and if you desaturate by 10%, it is **FFF34D**.

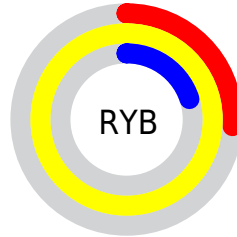
Distribution



Red (100%)

Green (95%)

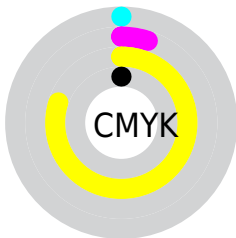
Blue (20%)



Red (26%)

Yellow (100%)

Blue (20%)

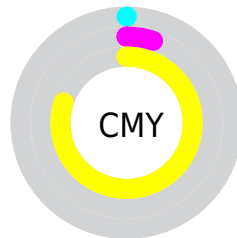


Cyan (0%)

Magenta (5%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF133 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 FFF133 by changing the saturation by 10% instead.

 FFF133

 FFF133

FFFFFF

 E0D500

 FFFF73

 C2B900

 FFFF90

 A49F00

 FFFFAD

 878500

 FFFF CB

 6A6C00

 FFFF E9

 4E5400

 333D00

 1A2700

 001400

 FFF133

 FFF133

 FFEF19

 FFF34D

 FFEE00

 FFF566

 FFF680

 FFF899

 FFFAB3

 FFFCCC

 FFFDE6

FFFFFF

Harmonies

Analogous

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



FFD449



FFF133



A5FF63

Triad

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



FFF133



00FFFF



FFA9FF

Complementary

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



FFF133



3341FF

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.



FFCBFF



FFF133



00FFFF

Square

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



FFF133



00FFFF



6DEDFE



FF9ED6

Rectangle

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



FFF133



43FF94



6DEDFE



FFB4FF

Sweetspot

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



FFF133



FFFBC2



FF3344



807D5B



000000



808080

Same Dimension

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



FFF133



FFEE0A



AAFF33



807F73



BFB200



403B00

Inverse Universe

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



3341FF



0A1BFF



8833FF



737480



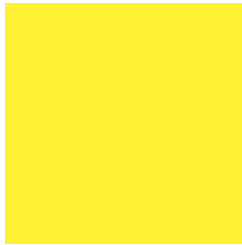
000DBF



000440

Previews

White Background



This preview shows how the Hex color FFF133 looks on a white background.

Color Contrast Check

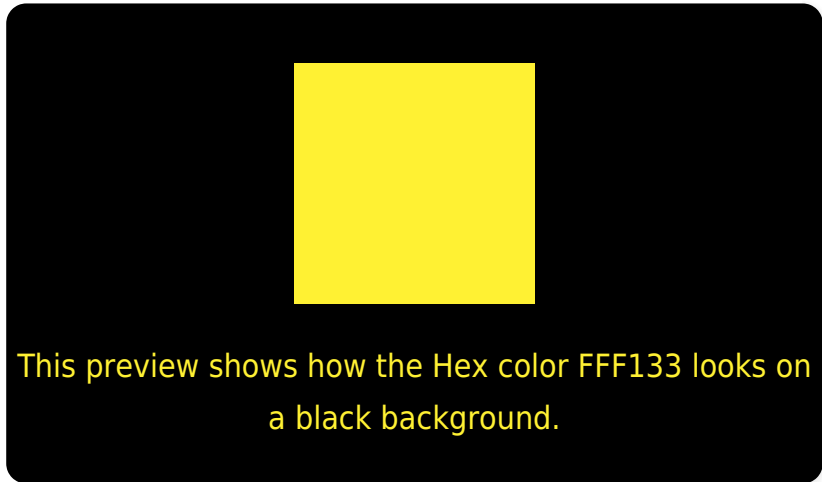
Large Text (above 18pt) WCAG AA × Fail

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 FFF133 Background



This preview shows how black text looks on a background with the Hex color FFF133.



This preview shows how white text looks on a background with the Hex color FFF133.

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
FFF133

Protanopia
FFED9E

Deuteranopia
FFE9CE

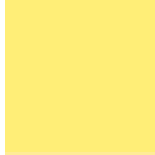


Tritanopia
FFE6F0

Trichromacy



Original Color
FFF133



Protanomaly
FFEE77



Deuteranomaly
FFEC96

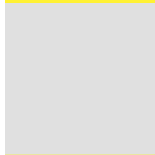


Tritanomaly
FFEAAB

Monochromacy



Original Color
FFF133



Achromatopsia
E0E0E0



Achromatomaly
EBE6A1

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF133 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 #FFF133 looks like.

```
.text, #text, p{  
    color:#FFF133  
}
```

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 #FFF133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF133
}
```

Border

The CSS property to change the border of an element to Hex FFF133 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
#FFF133 }
```

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

```
.border{ border-color:#FFF133 }
```

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

Here you see how a box with a 4 pixel #FFF133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF133; -webkit-box-shadow:4px 4px  
4px 4px #FFF133; box-shadow:4px 4px 4px  
4px #FFF133 }
```

Background

The CSS property to change the background color of an element to Hex FFF133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF133 }
```

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

```
.background{ background-color:#FFF133 }
```

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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