

Converting Colors

Hex(FEFF33)

Have a look what the booklet for
Hex(FEFF33) contains.

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Color

Hex(FEFF33)

Conversions

Conversions Part 1

Format	Color
Hex	FEFF33
RGB	254, 255, 51
RGB Percent	100%, 100%, 20%
CMY	0.0039, 0.0000, 0.8000
CMYK	0.00, 0.00, 0.80, 0.00
HSL	60°, 100%, 60%
HSV	60°, 80%, 100%
XYZ	77.2306, 92.8298, 16.9794
YIQ	231.4450, 64.8880, -63.6560

Conversions

Conversions Part 2

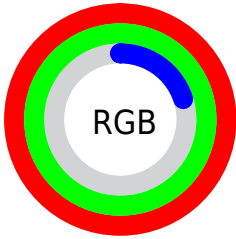
Format	Color
R _Y B	51, 255, 52
Decimal	16711475
CIE Lab	97.16, -21.18, 87.45
CIE LCh	97, 89.978, 103.614
Yxy	92.8298, 0.4129, 0.4963
Android (android.graphics.Color)	4294901555 (0xFFFEFF33)
YUV	231.4450, -88.9594, 19.7807
Hunter-Lab	96.3482, -25.5278, 56.9951

Details

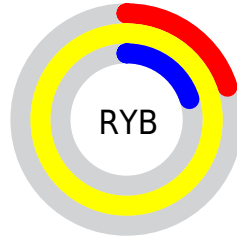
The Hex color **FEFF33** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3433FF**, and the grayscale version is **E8E8E8**.

A 20% lighter version of the original color is **FFFF74**, and **C1C700** is the 20% darker color. If you saturate the color by 10%, you get **FEFF19**, and if you desaturate by 10%, it is **FEFF4D**.

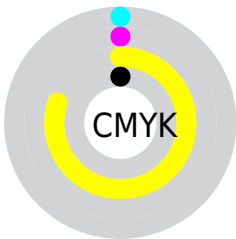
Distribution



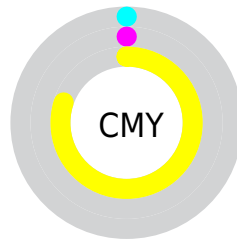
- Red (100%)
- Green (100%)
- Blue (20%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color FFFF33 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 FFFF33 by changing the saturation by 10% instead.

 FFFF33

 FFFF33

FFFFFF

 DFE200

 FFFF74

 C1C700

 FFFF92

 A3AB00

 FFFFB0

 869100

 FFFFCE

 697800

 FFFFEC

 4D5F00

 314700

 173100

 001D00

 FEFF33

 FEFF33

 FEFF19

 FEFF4D

 FEFF00

 FEFF66

 FEFF80

 FFFF99

 FFFFB3

 FFFFCC

 FFFFEE

FFFFFF

Harmonies

Analogous

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



FFE141



FEFF33



9AFF6F

Triad

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



FEFF33



00FFFF



FFABFF

Complementary

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



FEFF33



3433FF

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



FEFF33



00FFFF

Square

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



FEFF33



00FFFF



93F3FF



FFA4D3

Rectangle

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



FEFF33



00FFA5



93F3FF



FFB5FF

Sweetspot

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



FEFF33



FFFEC2



FF3333



7F805B



000000



808080

Same Dimension

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



FEFF33



FEFF0A



99FF33



7F8073



BEBF00



3F4000

Inverse Universe

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



3433FF



0B0AFF



9933FF



737380



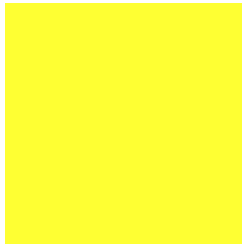
0100BF



000040

Previews

White Background



This preview shows how the Hex color FFFF33 looks on a white background.

Color Contrast Check

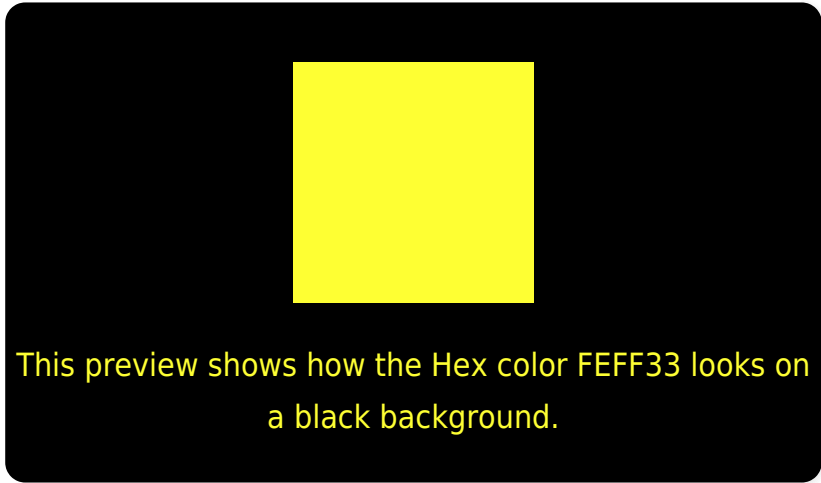
Large Text (above 18pt) WCAG AA × Fail

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 FEF33 Background



This preview shows how black text looks on a background with the Hex color FEF33.



This preview shows how white text looks on a background with the Hex color FEF33.

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
FEFF33

Protanopia
FFF7D8

Deuteranopia
FFF5EA

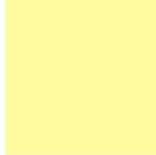


Tritanopia
FFF4FA

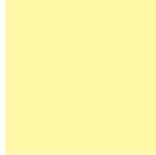
Trichromacy



Original Color
FEFF33



Protanomaly
FFFA9C

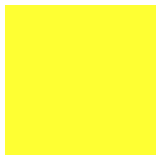


Deuteranomaly
FFF9A7

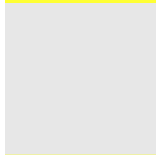


Tritanomaly
FFF8B2

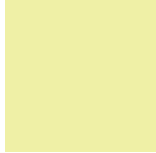
Monochromacy



Original Color
FEFF33



Achromatopsia
E7E7E7



Achromatomaly
EFF0A6

CSS Examples

Text

The CSS property to change the color of the text to Hex FFFF33 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 #FFF333 looks like.

```
.text, #text, p{  
    color:#FFF333  
}
```

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 #FEFF33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEFF33
}
```

Border

The CSS property to change the border of an element to Hex FEFF33 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
#FEFF33 }
```

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

```
.border{ border-color:#FEFF33 }
```

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

Here you see how a box with a 4 pixel #FEFF33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEFF33; -webkit-box-shadow:4px 4px  
4px 4px #FEFF33; box-shadow:4px 4px 4px  
4px #FEFF33 }
```

Background

The CSS property to change the background color of an element to Hex FEEF33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEEF33 }
```

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

```
.background{ background-color:#FEEF33 }
```

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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