

# Converting Colors

Hex(FEC033)

Have a look what the booklet for  
Hex(FEC033) contains.

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# **Color**

**Hex(FEC033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEC033
RGB	254, 192, 51
RGB Percent	100%, 75%, 20%
CMY	0.0039, 0.2471, 0.8000
CMYK	0.00, 0.24, 0.80, 0.00
HSL	42°, 99%, 60%
HSV	42°, 80%, 100%
XYZ	60.3202, 59.0091, 11.3426
YIQ	194.4640, 82.2130, -30.7070

# Conversions

## Conversions Part 2

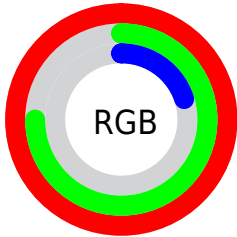
Format	Color
<a href="#">RYB</a>	<a href="#">140, 254, 51</a>
Decimal	<a href="#">16695347</a>
<a href="#">CIELab</a>	<a href="#">81.30, 10.30, 73.65</a>
<a href="#">CIElCh</a>	<a href="#">81, 74.364, 82.040</a>
<a href="#">Yxy</a>	<a href="#">59.0091, 0.4616, 0.4516</a>
Android ( <a href="#">android.graphics.Color</a> )	<a href="#">4294885427</a> ( <a href="#">0xFFFE033</a> )
<a href="#">YUV</a>	<a href="#">194.4640, -70.7278, 52.2131</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.8174, 5.7352, 45.0176</a>

# Details

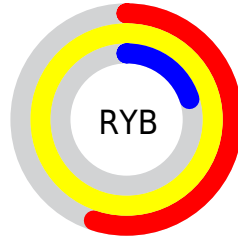
The Hex color **FEC033** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3371FE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF86D**, and **C08B00** is the 20% darker color. If you saturate the color by 10%, you get **FEB81A**, and if you desaturate by 10%, it is **FEC84C**.

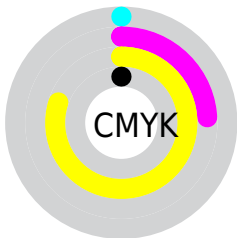
# Distribution



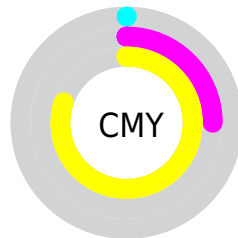
- Red (100%)
- Green (75%)
- Blue (20%)



- Red (55%)
- Yellow (100%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEC033 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 FEC033 by changing the saturation by 10% instead.



 FEC033

 FEC033

FFFFFF

 DFA509

 FFF86D

 C08B00

 FFFF89

 A27200

 FFFFA5

 855900

 FFFF C2

 684200

 FFFF DF

 4C2C00

FFFFFFD

 321800

 1A0000

 000000

 FEC033

 FEC033

 FEB81A

 FEC84C

 FEB000

 FED066

 FED77F

 FEDF99

 FEE7B2

 FEEFCB

 FEF6E5

FEFEFE

FEFFFF

# Harmonies

## Analogous

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



FFA45D



FEC033



BCD63B

# Triad

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



FEC033



00EBFC



FFA1FF

# Complementary

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



FEC033



3371FE

# 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.



A9BFFF



FEC033



00E6FF

# Square

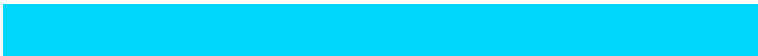
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FEC033



00EAB4



00D7FF



FF8AE0

# Rectangle

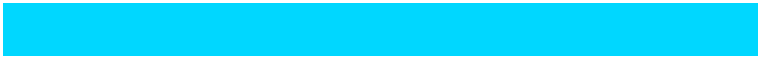
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEC033



86E05C



00D7FF



F2ABFF



# Sweetspot

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



FEC033



FFECC2



FE3373



80745B



000000



808080



# Same Dimension

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



FEC033



FFB40A



D9FE33



807C73



BF8500



402C00



# Inverse Universe

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



3371FE



0A55FF



5833FE



737780



003ABF



001340



# Previews

## White Background



This preview shows how the Hex color FEC033 looks on a white background.

## Color Contrast Check

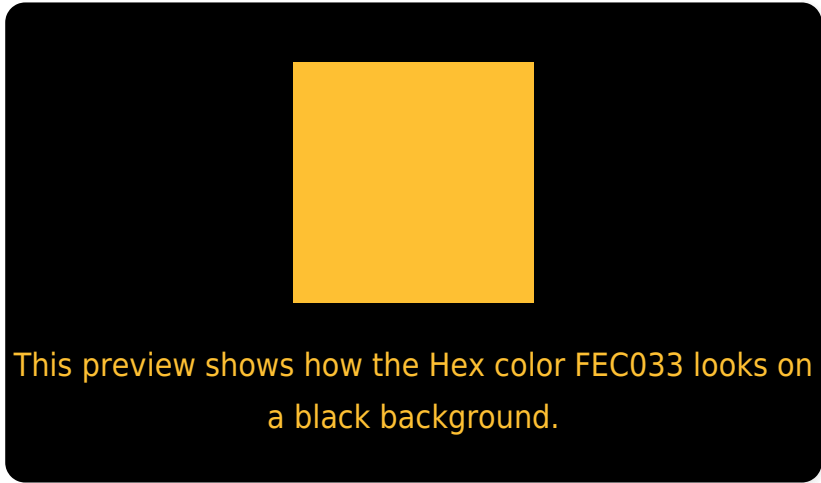
Large Text (above 18pt) WCAG AA × Fail

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 FEC033 Background



This preview shows how black text looks on a background with the Hex color FEC033.

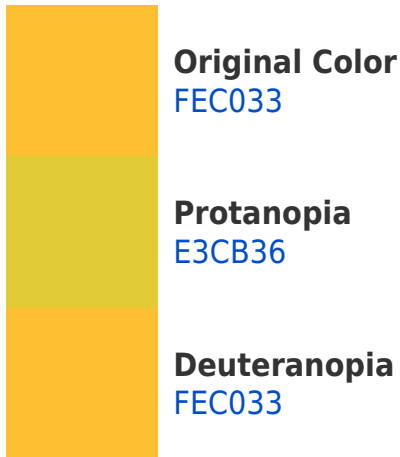


This preview shows how white text looks on a background with the Hex color FEC033.

# 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](#).

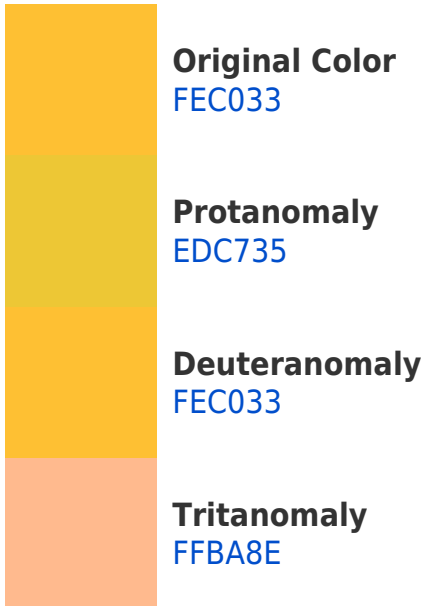
## Dichromacy





**Tritanopia**  
FFB7C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEC033 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 #FEC033 looks like.

```
.text, #text, p{  
    color:#FEC033  
}
```

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 #FEC033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEC033
}
```

## Border

The CSS property to change the border of an element to Hex FEC033 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
#FEC033 }
```

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

```
.border{ border-color:#FEC033 }
```

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

Here you see how a box with a 4 pixel #FEC033 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEC033; -webkit-box-shadow:4px 4px  
4px 4px #FEC033; box-shadow:4px 4px 4px  
4px #FEC033 }
```

# Background

The CSS property to change the background color of an element to Hex FEC033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEC033 }
```

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

```
.background{ background-color:#FEC033 }
```

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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