

# Converting Colors

Hex(FEFE2F)

Have a look what the booklet for  
Hex(FEFE2F) contains.

<b>Hex(FEFE2F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FEFE2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFE2F
RGB	254, 254, 47
RGB Percent	100%, 100%, 18%
CMY	0.0039, 0.0039, 0.8157
CMYK	0.00, 0.00, 0.81, 0.00
HSL	60°, 99%, 59%
HSV	60°, 81%, 100%
XYZ	76.8280, 92.1597, 16.4287
YIQ	230.4020, 66.4470, -64.3770

# Conversions

## Conversions Part 2

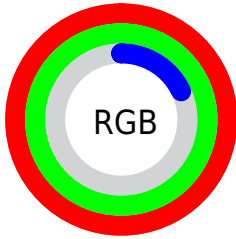
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">47, 254, 47</a>
Decimal	<a href="#">16711215</a>
CIELab	<a href="#">96.89, -20.81, 88.16</a>
CIELCh	<a href="#">97, 90.580, 103.285</a>
Yxy	<a href="#">92.1597, 0.4144, 0.4970</a>
Android (android.graphics.Color)	<a href="#">4294901295 (0xFFFEFE2F)</a>
YUV	<a href="#">230.4020, -90.4172, 20.6954</a>
Hunter-Lab	<a href="#">95.9998, -25.1475, 57.0535</a>

# Details

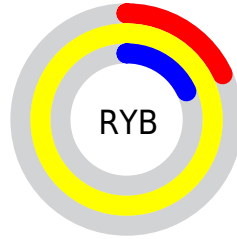
The Hex color **FEFE2F** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **2F2FFE**, and the grayscale version is **E7E7E7**.

A 20% lighter version of the original color is **FFFF72**, and **C1C600** is the 20% darker color. If you saturate the color by 10%, you get **FEFE16**, and if you desaturate by 10%, it is **FEFE48**.

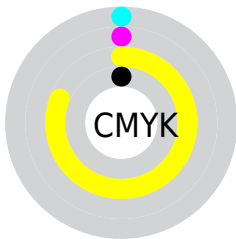
# Distribution



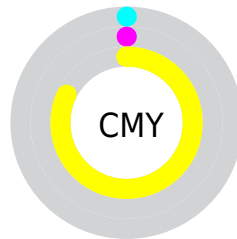
- Red (100%)
- Green (100%)
- Blue (18%)



- Red (18%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEF22F 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 FEF22F by changing the saturation by 10% instead.



 FEFE2F

 FEFE2F

FFFFFF

 DFE100

 FFFF72

 C1C600

 FFFF90

 A3AB00

 FFFFAD

 869000

 FFFFCB

 697700

 FFFF E9

 4D5E00

 314700

 173000

 001D00

 FEFE2F

 FEFE2F

 FEFE16

 FEFE48

 FEFE00

 FEFE62

 FEFE7B

 FEFE95

 FEFEAE

 FEFE C7

 FEFE E1

 FEFE FA

 FEFE FF

# Harmonies

## Analogous

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



FFE03F



FEFE2F



9AFF6C

# Triad

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



FEFE2F



00FFFF



FFAAFF

# Complementary

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



FEFE2F



2F2FFE

# 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.



FFCDFF



FEFE2F



00FFFF

# Square

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



FEFE2F



00FFFF



8DF3FF



FFA2D2

# Rectangle

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



FEFE2F



00FFA3



8DF3FF



FFB4FF



# Sweetspot

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



FEFE2F



FFFFC2



FE2F2F



80805B



000000



808080



# Same Dimension

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



FEFE2F



FFFF05



97FE2F



808073



BFBF00



404000



# Inverse Universe

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



2F2FFE



0505FF



972FFE



737380



0000BF

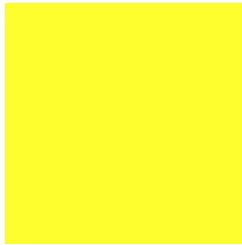


000040



# Previews

## White Background



This preview shows how the Hex color FEF22F looks on a white background.

## Color Contrast Check

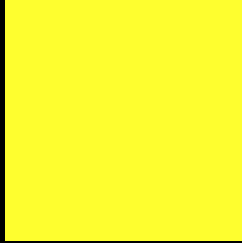
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color FEF22F looks on a 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 FEF22F Background



This preview shows how black text looks on a background with the Hex color FEF22F.

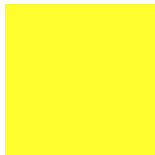


This preview shows how white text looks on a background with the Hex color FEF22F.

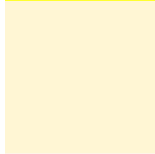
# Color Blindness Simulation

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](#).

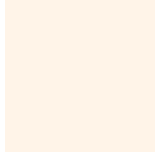
## Dichromacy



**Original Color**  
FEFE2F



**Protanopia**  
FFF6D4

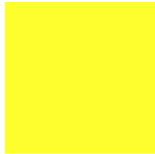


**Deuteranopia**  
FFF4E8



**Tritanopia**  
FFF2F9

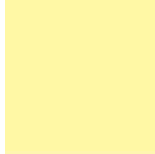
# Trichromacy



**Original Color**  
FEFE2F



**Protanomaly**  
FFF998

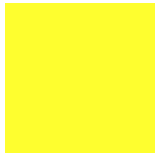


**Deuteranomaly**  
FFF8A5

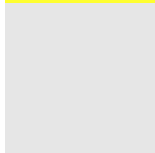


**Tritanomaly**  
FFF6B0

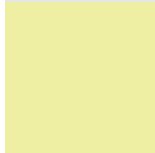
# Monochromacy



**Original Color**  
FEFE2F



**Achromatopsia**  
E6E6E6



**Achromatomaly**  
EFEFA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEFE2F 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 #FEFE2F looks like.

```
.text, #text, p{  
    color:#FEFE2F  
}
```

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 #FEFE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEFE2F
}
```

## Border

The CSS property to change the border of an element to Hex FEFE2F 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
#FEFE2F }
```

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

```
.border{ border-color:#FEFE2F }
```

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

Here you see how a box with a 4 pixel #FEFE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEFE2F; -webkit-box-shadow:4px 4px  
4px 4px #FEFE2F; box-shadow:4px 4px 4px  
4px #FEFE2F }
```

# Background

The CSS property to change the background color of an element to Hex FEF22F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEF22F }
```

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

```
.background{ background-color:#FEF22F }
```

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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