

# Converting Colors

Hex(FEF200)

Have a look what the booklet for  
Hex(FEF200) contains.

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**Color**

**Hex(FEF200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF200
RGB	254, 242, 0
RGB Percent	100%, 95%, 0%
CMY	0.0039, 0.0510, 1.0000
CMYK	0.00, 0.05, 1.00, 0.00
HSL	57°, 100%, 50%
HSV	57°, 100%, 100%
XYZ	72.6252, 84.5751, 12.4969
YIQ	218.0000, 84.8340, -72.7180

# Conversions

## Conversions Part 2

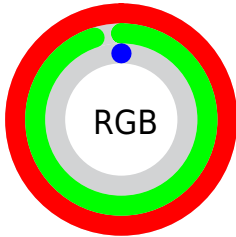
Format	Color
R <sub>Y</sub> B	13, 254, 0
Decimal	16708096
CIE Lab	93.70, -15.73, 91.94
CIE LCh	94, 93.279, 99.711
Yxy	84.5751, 0.4280, 0.4984
Android (android.graphics.Color)	4294898176 (0xFFFEF200)
YUV	218.0000, -107.4740, 31.5720
Hunter-Lab	91.9647, -19.9756, 56.3185

# Details

The Hex color **FEF200** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **000CFE**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFF5E**, and **C0BA00** is the 20% darker color. If you saturate the color by 10%, you get **FEF200**, and if you desaturate by 10%, it is **FEF319**.

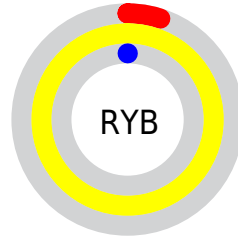
# Distribution



Red (100%)

Green (95%)

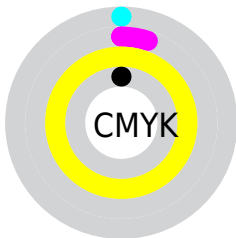
Blue (0%)



Red (5%)

Yellow (100%)

Blue (0%)

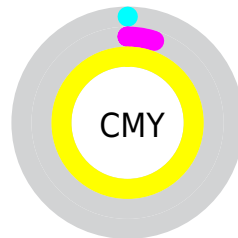


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEF200 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 FEF200 by changing the saturation by 10% instead.



 FEF200

 FEF200

FFFFFF

 DFD600

 FFFF5E

 C0BA00

 FFFF7D

 A2A000

 FFFF9B

 858600

 FFFFB9

 686D00

 FFFFD7

 4C5500

 FFFFF5

 313E00

 182800

 001500

 FEF200

 FEF319

 FEF433

 FEF64C

 FEF766

 FEF87F

 FEF998

 FEFAB2

 FEFCCB

 FEFDE5

# Harmonies

## Analogous

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



FFD233



FEF200



9BFF55

# Triad

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



FEF200



00FFFF



FFA0FF

# Complementary

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



FEF200



000CFE

# 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.



FFC8FF



FEF200



00FFFF

# Square

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



FEF200



00FFFF



49EEFF



FF92D3

# Rectangle

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



FEF200



00FF8D



49EEFF



FFACFF



# Sweetspot

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



FEF200



FFFBB3



FE000D



807D52



000000



808080



# Same Dimension

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



FEF200



FFF300



8CFE00



807F73



BFB600



403D00



# Inverse Universe

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



000CFE



000CFF



7200FE



737380



0009BF

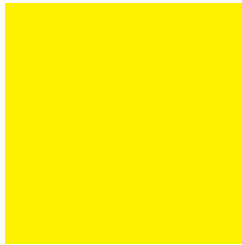


000340



# Previews

## White Background



This preview shows how the Hex color FEF200 looks on a white background.

## Color Contrast Check

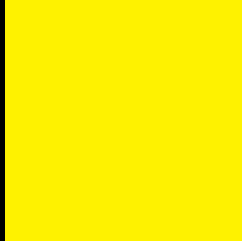
Large Text (above 18pt) WCAG AA × Fail

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 FEF200 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 FEF200 Background



This preview shows how black text looks on a background with the Hex color FEF200.

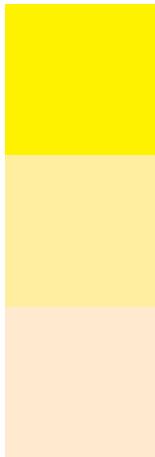


This preview shows how white text looks on a background with the Hex color FEF200.

# 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**  
FEF200

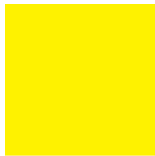
**Protanopia**  
FFEDA0

**Deuteranopia**  
FFEACF



**Tritanopia**  
FFE6F0

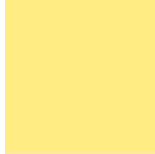
# Trichromacy



**Original Color**  
FEF200



**Protanomaly**  
FFEF66



**Deuteranomaly**  
FFED84

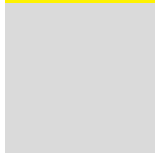


**Tritanomaly**  
FFEA99

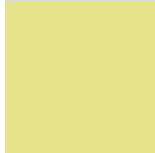
# Monochromacy



**Original Color**  
FEF200



**Achromatopsia**  
DADADA



**Achromatomaly**  
E7E38B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEF200 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 #FEF200 looks like.

```
.text, #text, p{  
    color:#FEF200  
}
```

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 #FEF200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEF200
}
```

## Border

The CSS property to change the border of an element to Hex FEF200 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
#FEF200 }
```

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

```
.border{ border-color:#FEF200 }
```

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

Here you see how a box with a 4 pixel #FEF200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEF200; -webkit-box-shadow:4px 4px  
4px 4px #FEF200; box-shadow:4px 4px 4px  
4px #FEF200 }
```

# Background

The CSS property to change the background color of an element to Hex FEF200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEF200 }
```

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

```
.background{ background-color:#FEF200 }
```

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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