

Converting Colors

Hex(FEF242)

Have a look what the booklet for
Hex(FEF242) contains.

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Color

Hex(FEF242)

Conversions

Conversions Part 1

Format	Color
Hex	FEF242
RGB	254, 242, 66
RGB Percent	100%, 95%, 26%
CMY	0.0039, 0.0510, 0.7412
CMYK	0.00, 0.05, 0.74, 0.00
HSL	56°, 99%, 63%
HSV	56°, 74%, 100%
XYZ	73.6086, 84.9684, 17.6752
YIQ	225.5240, 63.6480, -52.1920

Conversions

Conversions Part 2

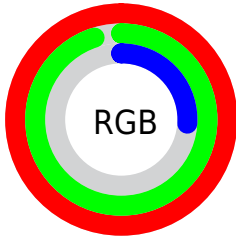
Format	Color
RYB	79, 254, 66
Decimal	16708162
CIELab	93.87, -14.41, 80.33
CIELCh	94, 81.611, 100.172
Yxy	84.9684, 0.4176, 0.4821
Android (android.graphics.Color)	4294898242 (0xFFFEF242)
YUV	225.5240, -78.6453, 24.9735
Hunter-Lab	92.1783, -18.7718, 53.1560

Details

The Hex color **FEF242** 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 **424EFE**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF7E**, and **C1BA00** is the 20% darker color. If you saturate the color by 10%, you get **FEF029**, and if you desaturate by 10%, it is **FEF45B**.

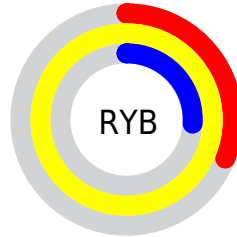
Distribution



Red (100%)

Green (95%)

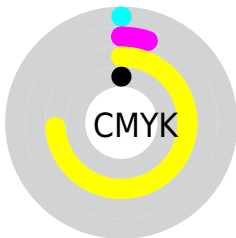
Blue (26%)



Red (31%)

Yellow (100%)

Blue (26%)

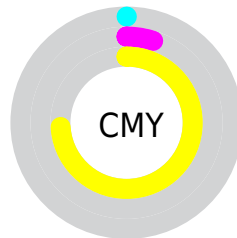


Cyan (0%)

Magenta (5%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEF242 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 FEF242 by changing the saturation by 10% instead.

 FEF242

 FEF242

FFFFFF

 DFD61C

 FFFF7E

 C1BA00

 FFFF9B

 A49F00

 FFFFB8

 878600

 FFFF D5

 6A6C00

 FFFFF3

 4E5400

 343D00

 1A2800

 001500

 FEF242

 FEF242

 FEF029

 FEF45B

 FEEF0F

 FEF575

 FEEEE0

 FEF78E

 FEF8A8

 FEFAC1

 FEFCD A

 FEFDF4

FEFFFF

Harmonies

Analogous

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



FFD653



FEF242



A8FF6D

Triad

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



FEF242



00FFFF



FFAEFF

Complementary

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



FEF242



424EFE

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



FEF242



00FFFF

Square

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



FEF242



00FFFF



83EDFF



FFA4D6

Rectangle

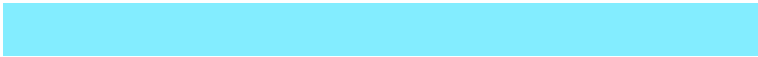
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEF242



50FF9B



83EDFF



FFB7FF

Sweetspot

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



FEF242



FFFBC7



FE424F



807D5E



000000



808080

Same Dimension

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



FEF242



FFF11C



ADFE42



807F73



BFB300



403C00

Inverse Universe

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



424EFE



1C2BFF



9342FE



737480



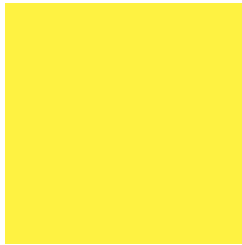
000CBF



000440

Previews

White Background



This preview shows how the Hex color FEF242 looks on a white background.

Color Contrast Check

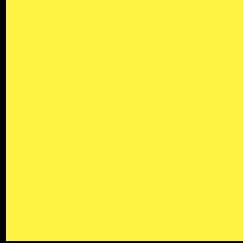
Large Text (above 18pt) WCAG AA × Fail

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 FEF242 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 FEF242 Background



This preview shows how black text looks on a background with the Hex color FEF242.

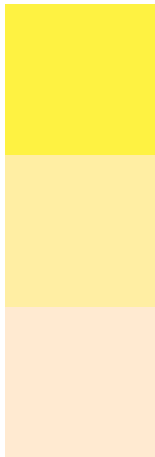


This preview shows how white text looks on a background with the Hex color FEF242.

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
FEF242

Protanopia
FFEEA3

Deuteranopia
FFEAD1

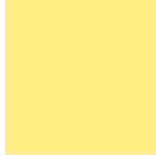


Tritanopia
FFE7F1

Trichromacy



Original Color
FEF242



Protanomaly
FFEF80



Deuteranomaly
FFED9D

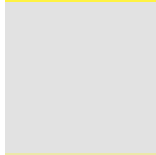


Tritanomaly
FFEBB1

Monochromacy



Original Color
FEF242



Achromatopsia
E2E2E2



Achromatomaly
ECE8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex FEF242 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 #FEF242 looks like.

```
.text, #text, p{  
    color:#FEF242  
}
```

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 #FEF242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEF242
}
```

Border

The CSS property to change the border of an element to Hex FEF242 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
#FEF242 }
```

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

```
.border{ border-color:#FEF242 }
```

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

Here you see how a box with a 4 pixel #FEF242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEF242; -webkit-box-shadow:4px 4px  
4px 4px #FEF242; box-shadow:4px 4px 4px  
4px #FEF242 }
```

Background

The CSS property to change the background color of an element to Hex FEF242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEF242 }
```

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

```
.background{ background-color:#FEF242 }
```

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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