

Converting Colors

Hex(FEE242)

Have a look what the booklet for
Hex(FEE242) contains.

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Color

Hex(FEE242)

Conversions

Conversions Part 1

Format	Color
Hex	FEE242
RGB	254, 226, 66
RGB Percent	100%, 89%, 26%
CMY	0.0039, 0.1137, 0.7412
CMYK	0.00, 0.11, 0.74, 0.00
HSL	51°, 99%, 63%
HSV	51°, 74%, 100%
XYZ	69.0528, 75.8569, 16.1566
YIQ	216.1320, 68.0480, -43.8240

Conversions

Conversions Part 2

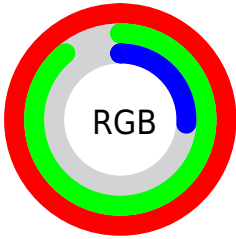
Format	Color
R_{YB}	99, 254, 66
Decimal	16704066
CIE Lab	89.79, -6.52, 76.52
CIE LCh	90, 76.795, 94.868
Yxy	75.8569, 0.4287, 0.4710
Android (android.graphics.Color)	4294894146 (0xFFFE242)
YUV	216.1320, -74.0151, 33.2102
Hunter-Lab	87.0959, -10.8964, 49.9686

Details

The Hex color **FEE242** 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 **425EFE**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFF7C**, and **C1AB00** is the 20% darker color. If you saturate the color by 10%, you get **FEDE29**, and if you desaturate by 10%, it is **FEE65B**.

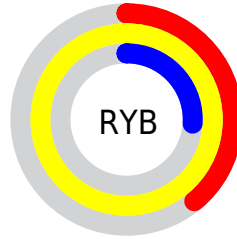
Distribution



Red (100%)

Green (89%)

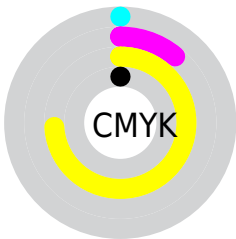
Blue (26%)



Red (39%)

Yellow (100%)

Blue (26%)

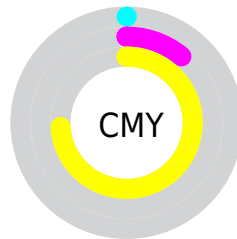


Cyan (0%)

Magenta (11%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEE242 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 FEE242 by changing the saturation by 10% instead.

 FEE242

 FEE242

FFFFFF

 DFC61F

 FFFF7C

 C1AB00

 FFFF99

 A49100

 FFFFB6

 877700

 FFFFDD

 6A5F00

 FFFFF0

 4E4800

 343200

 1C1D00

 000000

 FEE242

 FEE242

 FEDE29

 FEE65B

 FEDA0F

 FEEA75

 FED800

 FEED8E

 FEF1A8

 FEF5C1

 FEF9DA

 FEFCF4

FEFFFF

Harmonies

Analogous

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



FFC75A



FEE242



B2F561

Triad

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



FEE242



00FFFF



FFABFF

Complementary

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



FEE242



425EFE

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.



F5C9FF



FEE242



00FAFF

Square

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



FEE242



00FFEC



56E6FF



FF9ED9

Rectangle

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



FEE242



6DFE89



56E6FF



FFB5FF

Sweetspot

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



FEE242



FFF7C7



FE425E



807B5E



000000



808080

Same Dimension

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



FEE242



FFDD1C



BCFE42



807E73



BFA300



403600

Inverse Universe

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



425EFE



1C3EFF



8442FE



737580



001CBF



000940

Previews

White Background



This preview shows how the Hex color FEE242 looks on a white background.

Color Contrast Check

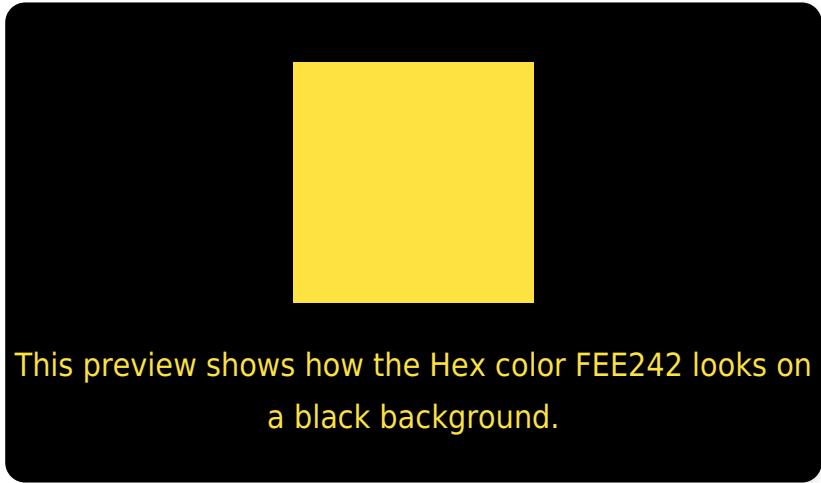
Large Text (above 18pt) WCAG AA × Fail

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 FEE242 Background



This preview shows how black text looks on a background with the Hex color FEE242.



This preview shows how white text looks on a background with the Hex color FEE242.

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
FEE242

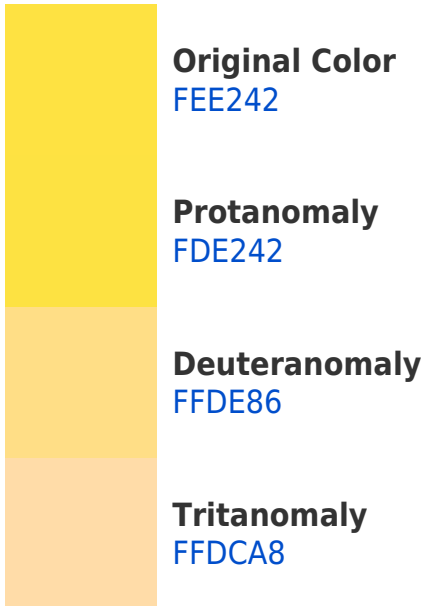
Protanopia
FDE242

Deuteranopia
FFDCAD

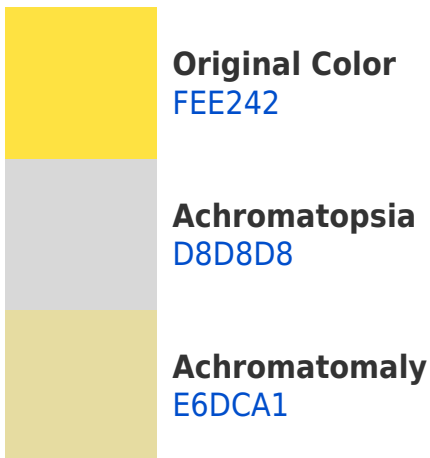


Tritanopia
FFD8E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEE242 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 #FEE242 looks like.

```
.text, #text, p{  
    color:#FEE242  
}
```

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 #FEE242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEE242
}
```

Border

The CSS property to change the border of an element to Hex FEE242 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
#FEE242 }
```

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

```
.border{ border-color:#FEE242 }
```

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

Here you see how a box with a 4 pixel #FEE242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEE242; -webkit-box-shadow:4px 4px  
4px 4px #FEE242; box-shadow:4px 4px 4px  
4px #FEE242 }
```

Background

The CSS property to change the background color of an element to Hex FEE242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEE242 }
```

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

```
.background{ background-color:#FEE242 }
```

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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