

# Converting Colors

Hex(FEE085)

Have a look what the booklet for  
Hex(FEE085) contains.

<b>Hex(FEE085)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(FEE085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE085
RGB	254, 224, 133
RGB Percent	100%, 88%, 52%
CMY	0.0039, 0.1216, 0.4784
CMYK	0.00, 0.12, 0.48, 0.00
HSL	45°, 98%, 76%
HSV	45°, 48%, 100%
XYZ	71.7623, 76.0756, 33.0921
YIQ	222.5960, 47.0910, -21.9410

# Conversions

## Conversions Part 2

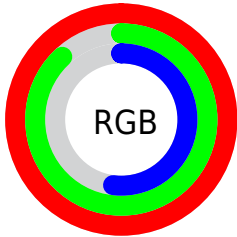
Format	Color
<a href="#">RYB</a>	<a href="#">173, 254, 133</a>
Decimal	<a href="#">16703621</a>
CIELab	<a href="#">89.89, -1.15, 48.11</a>
CIElCh	<a href="#">90, 48.123, 91.370</a>
Yxy	<a href="#">76.0756, 0.3966, 0.4205</a>
Android (android.graphics.Color)	<a href="#">4294893701 (0xFFFE085)</a>
YUV	<a href="#">222.5960, -44.1708, 27.5413</a>
Hunter-Lab	<a href="#">87.2213, -5.7744, 38.5601</a>

# Details

The Hex color **FEE085** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **85A3FE**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **FFFBC**, and **C3A951** is the 20% darker color. If you saturate the color by 10%, you get **FEDA6C**, and if you desaturate by 10%, it is **FEE69E**.

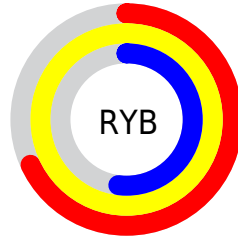
# Distribution



Red (100%)

Green (88%)

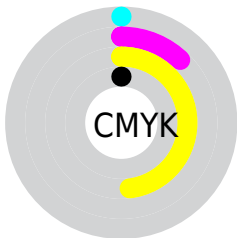
Blue (52%)



Red (68%)

Yellow (100%)

Blue (52%)

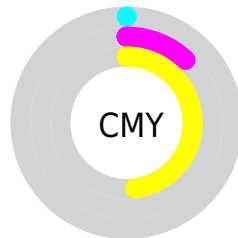


Cyan (0%)

Magenta (12%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEE085 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 FEE085 by changing the saturation by 10% instead.



 FEE085

 FEE085

FFFFFF

 E0C46B

 FFFFBC

 C3A951

 FFFFD8

 A78F38

 FFFFF5

 8B751D

 6F5D00

 554500

 3B2F00

 221B00

 000000

 FEE085

 FEE085

 FEDA6C

 FEE69E

 FED352

 FEEDB8

 FECD39

 FEF3D1

 FEC71F

 FEF9EB

 FEC106

FEFFFF

 FEBF00

# Harmonies

## Analogous

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



FFD092



FEE085



CEEE92

# Triad

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



FEE085



00F9FF



FFC6FF

# Complementary

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



FEE085



85A3FE

# 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.



EAD5FF



FEE085



48F2FF

# Square

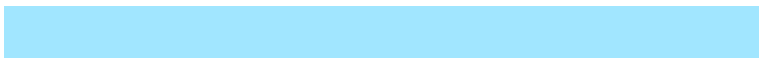
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FEE085



53FBE3



A1E6FF



FFBEE2

# Rectangle

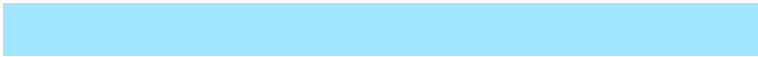
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEE085



AAF4A7



A1E6FF



FFCAFF



# Sweetspot

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



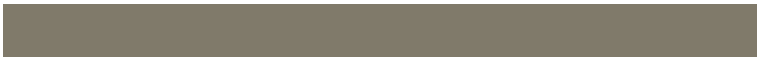
FEE085



FFF6DB



FE85A3



807A6A



000000



808080



# Same Dimension

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



FEE085



FFDB6E



E0FE85



807C73



BF9000



403000



# Inverse Universe

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



85A3FE



6E92FF



A385FE



737680



002FBF



001040



# Previews

## White Background



This preview shows how the Hex color FEE085 looks on a white background.

## Color Contrast Check

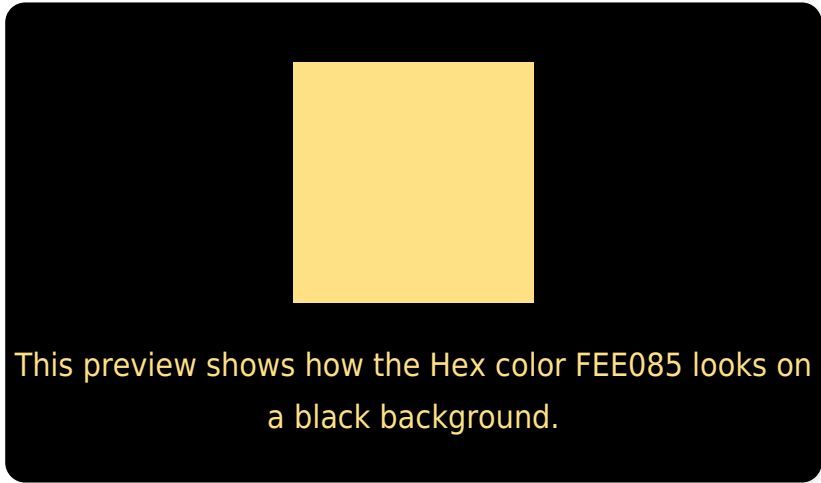
Large Text (above 18pt) WCAG AA × Fail

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 FEE085 Background



This preview shows how black text looks on a background with the Hex color FEE085.

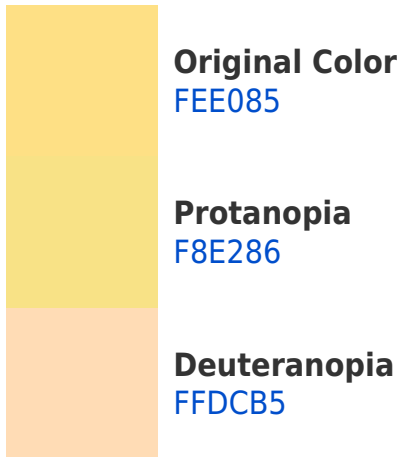


This preview shows how white text looks on a background with the Hex color FEE085.

# 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](#).

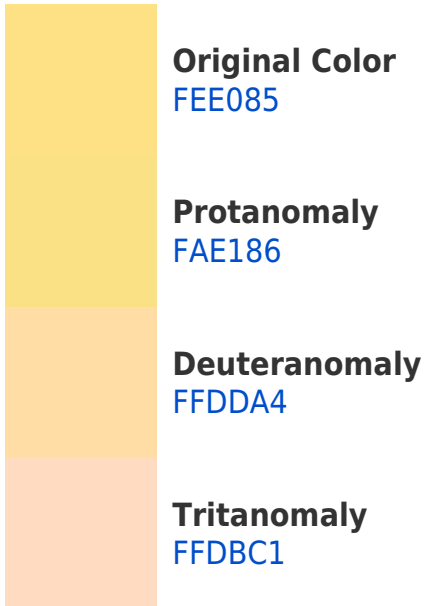
## Dichromacy





**Tritanopia**  
FFD8E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEE085 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 #FEE085 looks like.

```
.text, #text, p{  
    color:#FEE085  
}
```

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 #FEE085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEE085
}
```

## Border

The CSS property to change the border of an element to Hex FEE085 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
#FEE085 }
```

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

```
.border{ border-color:#FEE085 }
```

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

Here you see how a box with a 4 pixel #FEE085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEE085; -webkit-box-shadow:4px 4px  
4px 4px #FEE085; box-shadow:4px 4px 4px  
4px #FEE085 }
```

# Background

The CSS property to change the background color of an element to Hex FEE085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEE085 }
```

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

```
.background{ background-color:#FEE085 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor