

# Converting Colors

Hex(FFEE6D)

Have a look what the booklet for  
Hex(FFEE6D) contains.

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# **Color**

**Hex(FFEE6D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEE6D
RGB	255, 238, 109
RGB Percent	100%, 93%, 43%
CMY	0.0000, 0.0667, 0.5725
CMYK	0.00, 0.07, 0.57, 0.00
HSL	53°, 100%, 71%
HSV	53°, 57%, 100%
XYZ	74.5749, 83.5132, 26.6571
YIQ	228.3770, 51.5410, -36.5150

# Conversions

## Conversions Part 2

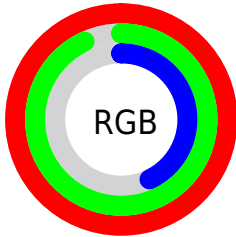
Format	Color
<a href="#">RYB</a>	<a href="#">128, 255, 109</a>
Decimal	<a href="#">16772717</a>
CIELab	<a href="#">93.24, -9.69, 63.23</a>
CIELCh	<a href="#">93, 63.965, 98.716</a>
Yxy	<a href="#">83.5132, 0.4037, 0.4520</a>
Android (android.graphics.Color)	<a href="#">4294962797</a> (0xFFFFEE6D)
YUV	<a href="#">228.3770, -58.8529, 23.3484</a>
Hunter-Lab	<a href="#">91.3856, -14.2604, 46.6750</a>

# Details

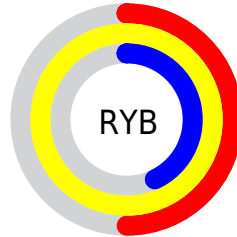
The Hex color **FFEE6D** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6D7EFF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFA4**, and **C3B636** is the 20% darker color. If you saturate the color by 10%, you get **FFEB54**, and if you desaturate by 10%, it is **FFF187**.

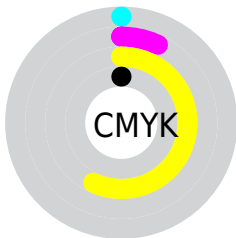
# Distribution



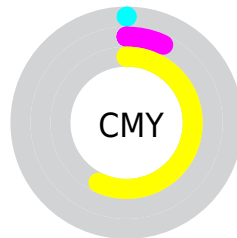
- Red (100%)
- Green (93%)
- Blue (43%)



- Red (50%)
- Yellow (100%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFEE6D 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 FFEE6D by changing the saturation by 10% instead.



 FFEE6D

 FFEE6D

FFFFFF

 E1D252

 FFFFA4

 C3B636

 FFFFC0

 A69C15

 FFFFDD

 8A8200

 FFFFFB

 6E6900

 535100

 393A00

 202500

 001100

 FFEE6D

 FFEE6D

 FFE83A

 FFF187

 FFE521

 FFF4A0

 FFE207

 FFF7BA

 FFE100

 FFFAD3

 FFFDED

FFFFFF

# Harmonies

## Analogous

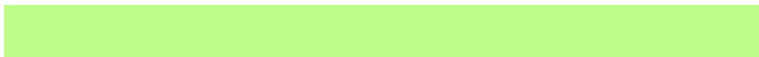
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFD878



FFEE6D



BDFE88

# Triad

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



FFEE6D



00FFFF



FFBFFF

# Complementary

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



FFEE6D



6D7EFF

# 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.



FFD4FF



FFEE6D



00FEFF

# Square

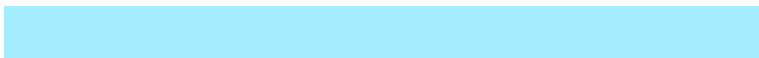
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FFEE6D



00FFFC



A4ECFF



FFB7DC

# Rectangle

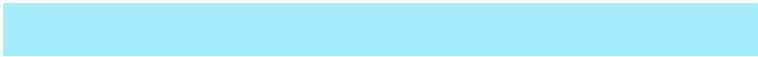
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFEE6D



86FFA9



A4ECFF



FFC5FF

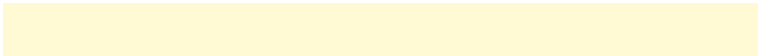


# Sweetspot

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



FFEE6D



FFFAD4



FF6D7E



807D66



000000



808080



# Same Dimension

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



FFEE6D



FFEB4F



C7FF6D



807E73



BFA900



403800



# Inverse Universe

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



6D7EFF



4F64FF



A56DFF



737480



0016BF



000740



# Previews

## White Background



This preview shows how the Hex color FFEE6D looks on a white background.

## Color Contrast Check

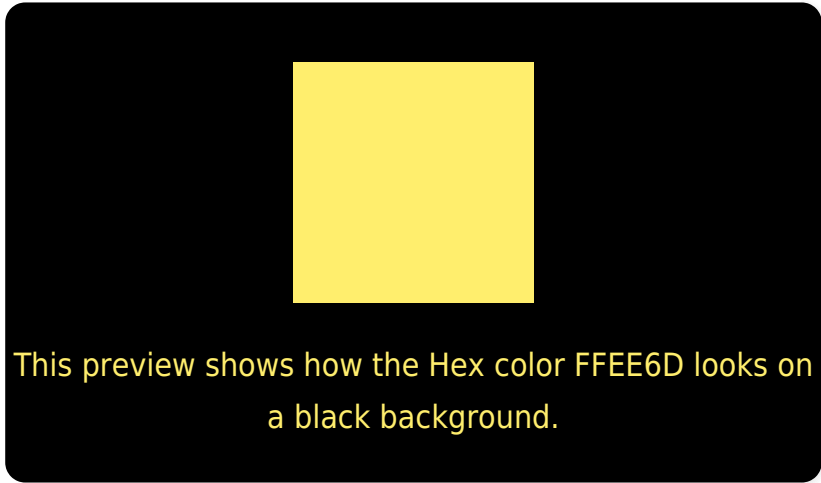
Large Text (above 18pt) WCAG AA × Fail

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 FFEE6D Background



This preview shows how black text looks on a background with the Hex color FFEE6D.

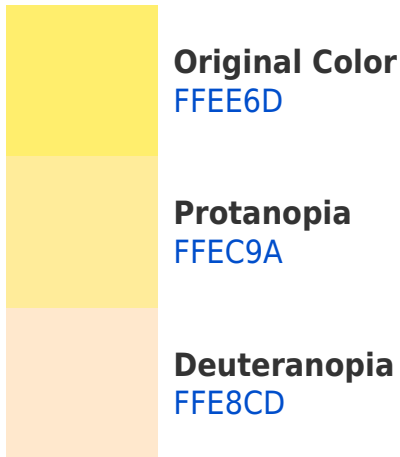


This preview shows how white text looks on a background with the Hex color FFEE6D.

# 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**  
FFE5EF

# Trichromacy



**Original Color**  
FFEE6D



**Protanomaly**  
FFED8A



**Deuteranomaly**  
FFEAAA

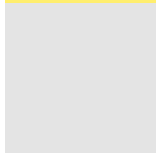


**Tritanomaly**  
FFE8C0

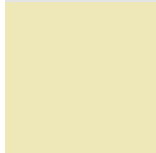
# Monochromacy



**Original Color**  
FFEE6D



**Achromatopsia**  
E4E4E4



**Achromatomaly**  
EEE8B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFEE6D 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 #FFEE6D looks like.

```
.text, #text, p{  
    color:#FFEE6D  
}
```

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 #FFEE6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFEE6D
}
```

## Border

The CSS property to change the border of an element to Hex FFEE6D 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
#FFEE6D }
```

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

```
.border{ border-color:#FFEE6D }
```

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

Here you see how a box with a 4 pixel #FFEE6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFEE6D; -webkit-box-shadow:4px 4px  
4px 4px #FFEE6D; box-shadow:4px 4px 4px  
4px #FFEE6D }
```

# Background

The CSS property to change the background color of an element to Hex FFEE6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFEE6D }
```

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

```
.background{ background-color:#FFEE6D }
```

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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