

# Converting Colors

Hex(FBE16E)

Have a look what the booklet for  
Hex(FBE16E) contains.

<b>Hex(FBE16E)</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(FBE16E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE16E
RGB	251, 225, 110
RGB Percent	98%, 88%, 43%
CMY	0.0157, 0.1176, 0.5686
CMYK	0.00, 0.10, 0.56, 0.02
HSL	49°, 95%, 71%
HSV	49°, 56%, 98%
XYZ	69.5233, 75.4854, 25.6577
YIQ	219.6640, 52.4110, -30.2530

# Conversions

## Conversions Part 2

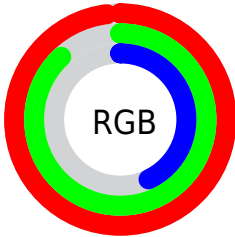
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 251, 110
Decimal	16507246
CIELab	89.62, -4.75, 58.57
CIELCh	90, 58.763, 94.638
Yxy	75.4854, 0.4074, 0.4423
Android (android.graphics.Color)	4294697326 (0xFFFFBE16E)
YUV	219.6640, -54.0644, 27.4817
Hunter-Lab	86.8824, -9.2083, 43.3084

# Details

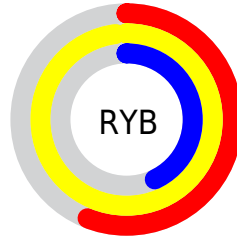
The Hex color **FBE16E** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6E88FB**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFA5**, and **C0AA38** is the 20% darker color. If you saturate the color by 10%, you get **FBDC55**, and if you desaturate by 10%, it is **FBE687**.

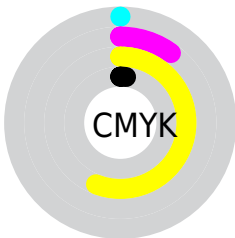
# Distribution



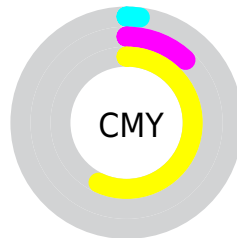
- Red (98%)
- Green (88%)
- Blue (43%)



- Red (56%)
- Yellow (98%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (2%)



- Cyan (2%)
- Magenta (12%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBE16E 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 FBE16E by changing the saturation by 10% instead.



 FBE16E

 FBE16E

FFFFFF

 DDC553

 FFFFA5

 C0AA38

 FFFFC1

 A3901B

 FFFFDD

 877600

 FFFFFA

 6B5E00

 504600

 363000

 1D1C00

 000000

 FBE16E

 FBE16E

 FBDC55

 FBE687

 FBD83C

 FBEEA0

 FBD323

 FBEBF9

 FBCE0A

 FBF4D2

 FBCE00

 FBF8EC

 FBFDFD

 FBFFFF

# Harmonies

## Analogous

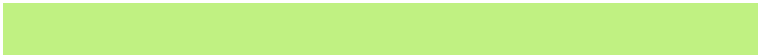
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCD7C



FBE16E



C0F182

# Triad

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



FBE16E



00FCFF



FFBBFF

# Complementary

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



FBE16E



6E88FB

# 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.



F2CFFF



FBE16E



00F4FF

# Square

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



FBE16E



00FEE9



93E4FF



FFB3DB

# Rectangle

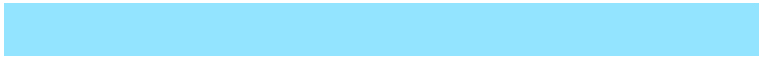
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBE16E



91F89E



93E4FF



FFC1FF



# Sweetspot

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



FBE16E



FFF7D4



FB6E8A



807B66



000000



808080



# Same Dimension

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



FBE16E



FFDF54



D1FB6E



7D7B70



BD9A00



3D3200



# Inverse Universe

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



6E88FB



5474FF



986EFB



70737D



0023BD



000B3D



# Previews

## White Background



This preview shows how the Hex color FBE16E looks on a white background.

## Color Contrast Check

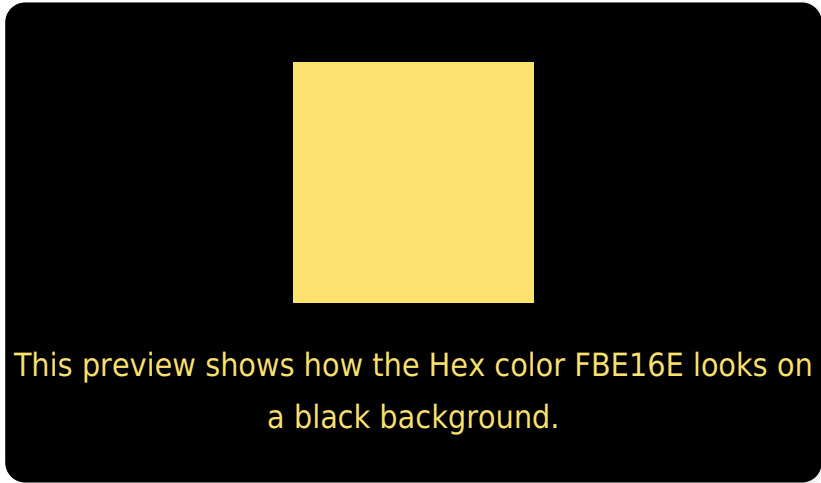
Large Text (above 18pt) WCAG AA × Fail

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 FBE16E Background



This preview shows how black text looks on a background with the Hex color FBE16E.

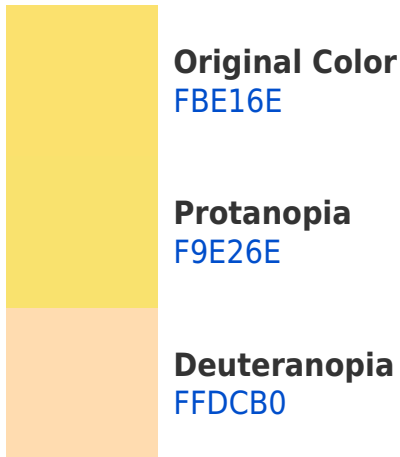


This preview shows how white text looks on a background with the Hex color FBE16E.

# 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



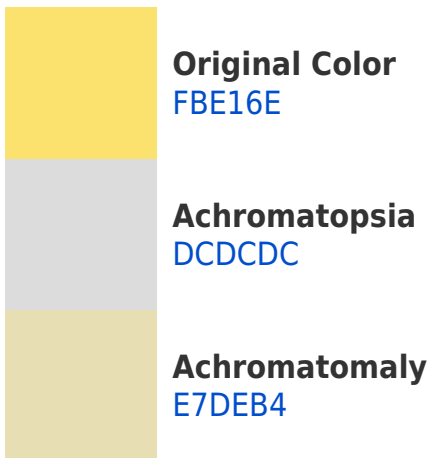


**Tritanopia**  
FFD7E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBE16E 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 #FBE16E looks like.

```
.text, #text, p{  
    color:#FBE16E  
}
```

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 #FBE16E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE16E
}
```

## Border

The CSS property to change the border of an element to Hex FBE16E 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
#FBE16E }
```

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

```
.border{ border-color:#FBE16E }
```

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

Here you see how a box with a 4 pixel #FBE16E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE16E; -webkit-box-shadow:4px 4px  
4px 4px #FBE16E; box-shadow:4px 4px 4px  
4px #FBE16E }
```

# Background

The CSS property to change the background color of an element to Hex FBE16E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE16E }
```

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

```
.background{ background-color:#FBE16E }
```

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