

# Converting Colors

Hex(FBE55F)

Have a look what the booklet for  
Hex(FBE55F) contains.

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# **Color**

**Hex(FBE55F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE55F
RGB	251, 229, 95
RGB Percent	98%, 90%, 37%
CMY	0.0157, 0.1020, 0.6275
CMYK	0.00, 0.09, 0.62, 0.02
HSL	52°, 95%, 68%
HSV	52°, 62%, 98%
XYZ	69.8685, 77.3741, 22.0787
YIQ	220.3020, 56.1260, -37.0100

# Conversions

## Conversions Part 2

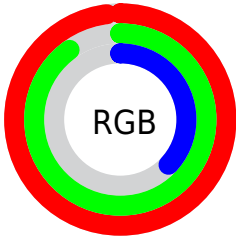
Format	Color
<a href="#">RYB</a>	<a href="#">121, 251, 95</a>
Decimal	<a href="#">16508255</a>
CIELab	<a href="#">90.49, -7.77, 66.11</a>
CIELCh	<a href="#">90, 66.566, 96.706</a>
Yxy	<a href="#">77.3741, 0.4126, 0.4570</a>
Android (android.graphics.Color)	<a href="#">4294698335 (0xFFFFBE55F)</a>
YUV	<a href="#">220.3020, -61.7739, 26.9221</a>
Hunter-Lab	<a href="#">87.9625, -12.1521, 46.6919</a>

# Details

The Hex color **FBE55F** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **5F75FB**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFF96**, and **BFAE25** is the 20% darker color. If you saturate the color by 10%, you get **FBE146**, and if you desaturate by 10%, it is **FBE978**.

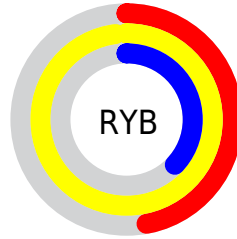
# Distribution



Red (98%)

Green (90%)

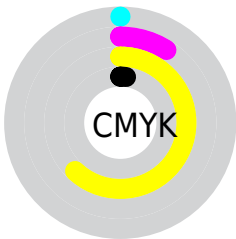
Blue (37%)



Red (47%)

Yellow (98%)

Blue (37%)

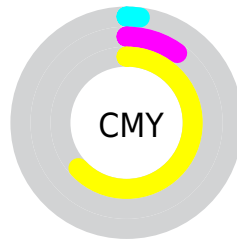


Cyan (0%)

Magenta (9%)

Yellow (62%)

Black (2%)



Cyan (2%)

Magenta (10%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBE55F 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 FBE55F by changing the saturation by 10% instead.



 FBE55F

 FBE55F

FFFFFF

 DDC943

 FFFF96

 BFAE25

 FFFFB2

 A29300

 FFFFCE

 867A00

 FFFFEC

 6A6100

 4E4A00

 343400

 1C1F00

 000300

 FBE55F

 FBE55F

 FBE146

 FBE978

 FBDE2D

 FBEC91

 FBDA14

 FBF0AA

 FBD800

 FBF3C3

 FBF7DC

 FBFAF6

 FBFEFF

 FBFFFF

# Harmonies

## Analogous

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



FFCE6E



FBE55F



B7F679

# Triad

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



FBE55F



00FFFF



FFB6FF

# Complementary

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



FBE55F



5F75FB

# 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.



FBCDFF



FBE55F



00F8FF

# Square

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



FBE55F



00FFF1



8BE6FF



FFACD8

# Rectangle

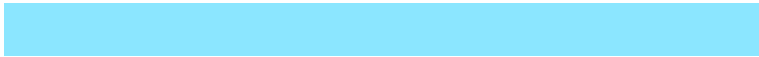
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBE55F



7FFD9B



8BE6FF



FFBDFF



# Sweetspot

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



FBE55F



FFF8CF



FB5F76



807B62



000000



808080



# Same Dimension

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



FBE55F



FFE440



C4FB5F



7D7B70



BDA200



3D3500



# Inverse Universe

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



5F75FB



405BFF



965FFB



70727D



001BBD



00093D



# Previews

## White Background



This preview shows how the Hex color FBE55F 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 FBE55F Background



This preview shows how black text looks on a background with the Hex color FBE55F.

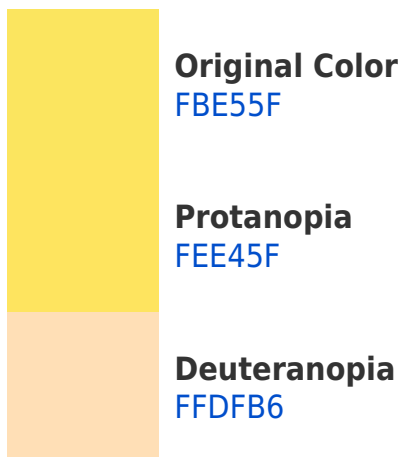


This preview shows how white text looks on a background with the Hex color FBE55F.

# 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](#).

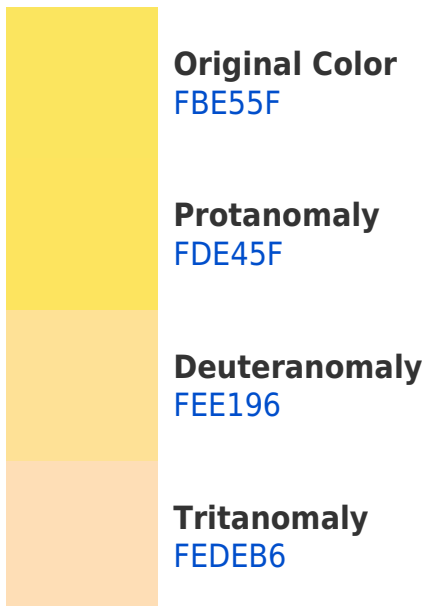
## Dichromacy



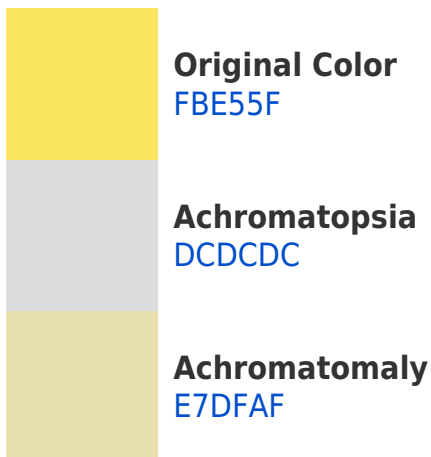


**Tritanopia**  
FFDAE7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBE55F 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 #FBE55F looks like.

```
.text, #text, p{  
    color:#FBE55F  
}
```

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 #FBE55F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBE55F
}
```

## Border

The CSS property to change the border of an element to Hex FBE55F 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
#FBE55F }
```

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

```
.border{ border-color:#FBE55F }
```

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

Here you see how a box with a 4 pixel #FBE55F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBE55F; -webkit-box-shadow:4px 4px  
4px 4px #FBE55F; box-shadow:4px 4px 4px  
4px #FBE55F }
```

# Background

The CSS property to change the background color of an element to Hex FBE55F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBE55F }
```

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

```
.background{ background-color:#FBE55F }
```

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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