

# Converting Colors

Hex(FEB547)

Have a look what the booklet for  
Hex(FEB547) contains.

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# **Color**

**Hex(FEB547)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEB547
RGB	254, 181, 71
RGB Percent	100%, 71%, 28%
CMY	0.0039, 0.2902, 0.7216
CMYK	0.00, 0.29, 0.72, 0.00
HSL	36°, 99%, 64%
HSV	36°, 72%, 100%
XYZ	58.5343, 54.5735, 13.4099
YIQ	190.2870, 78.8180, -18.7340

# Conversions

## Conversions Part 2

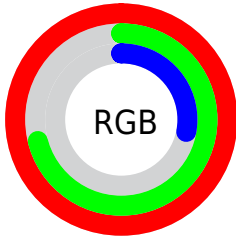
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 254, 71
Decimal	16692551
CIELab	78.79, 16.80, 63.93
CIELCh	79, 66.103, 75.279
Yxy	54.5735, 0.4627, 0.4314
Android (android.graphics.Color)	4294882631 (0xFFFE547)
YUV	190.2870, -58.8085, 55.8763
Hunter-Lab	73.8739, 12.1559, 40.9492

# Details

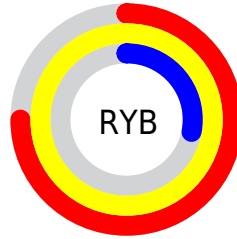
The Hex color **FEB547** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4790FE**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFED7D**, and **C18005** is the 20% darker color. If you saturate the color by 10%, you get **FEAB2E**, and if you desaturate by 10%, it is **FEBF60**.

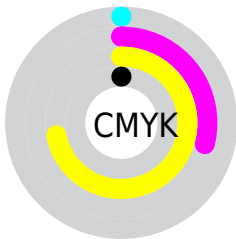
# Distribution



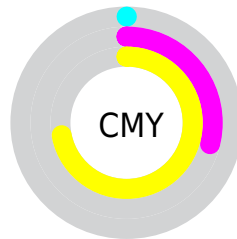
- Red (100%)
- Green (71%)
- Blue (28%)



- Red (75%)
- Yellow (100%)
- Blue (28%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEB547 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 FEB547 by changing the saturation by 10% instead.



 FEB547

 FEB547

FFFFFF

 DF9A2B

 FFED7D

 C18005

 FFFF98

 A36700

 FFFFB4

 854F00

 FFFFD1

 683800

 FFFFEE

 4C2300

 320E00

 180001

 000000

 FEB547

 FEB547

 FEAB2E

 FEBF60

 FEA114

 FEC97A

 FE9900

 FED393

 FEDEAD

 FEE8C6

 FEF2DF

 FEFCF9

FEFFFF

# Harmonies

## Analogous

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



FF9D6E



FEB547



C7CA43

# Triad

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



FEB547



00E1E2



EFA6FF

# Complementary

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



FEB547



4790FE

# 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.



8EBFFF



FEB547



00DDFF

# Square

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



FEB547



00DFA2



00D2FF



FF90E4

# Rectangle

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



FEB547



9AD459



00D2FF



D4AEFF



# Sweetspot

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



FEB547



FFE9C7



FE4790



80725E



000000



808080



# Same Dimension

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



FEB547



FFA824



ECFE47



807A73



BF7300



402600



# Inverse Universe

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



4790FE



247BFF



5947FE



737880



004CBF



001940



# Previews

## White Background



This preview shows how the Hex color FEB547 looks on a white background.

## Color Contrast Check

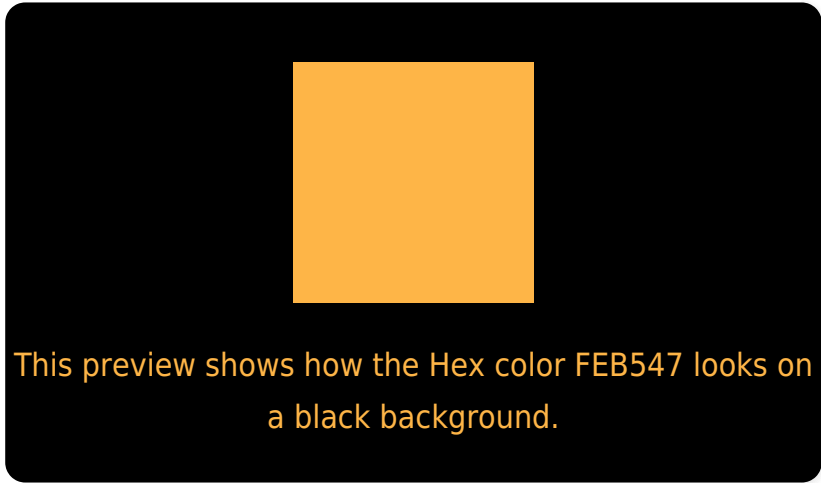
Large Text (above 18pt) WCAG AA × Fail

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 FEB547 Background



This preview shows how black text looks on a background with the Hex color FEB547.

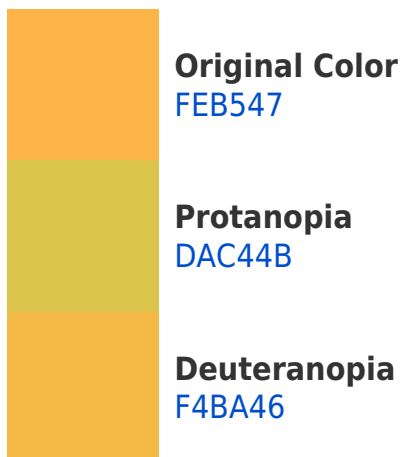


This preview shows how white text looks on a background with the Hex color FEB547.

# 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](#).

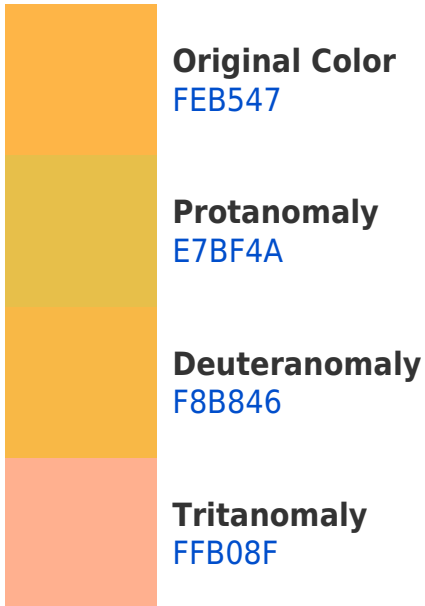
## Dichromacy



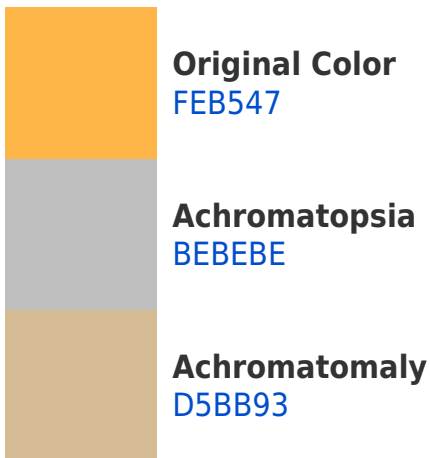


**Tritanopia**  
FFADB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEB547 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 #FEB547 looks like.

```
.text, #text, p{  
    color:#FEB547  
}
```

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 #FEB547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEB547
}
```

## Border

The CSS property to change the border of an element to Hex FEB547 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
#FEB547 }
```

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

```
.border{ border-color:#FEB547 }
```

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

Here you see how a box with a 4 pixel #FEB547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEB547; -webkit-box-shadow:4px 4px  
4px 4px #FEB547; box-shadow:4px 4px 4px  
4px #FEB547 }
```

# Background

The CSS property to change the background color of an element to Hex FEB547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEB547 }
```

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

```
.background{ background-color:#FEB547 }
```

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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