

# Converting Colors

Hex(FEBA55)

Have a look what the booklet for  
Hex(FEBA55) contains.

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# **Color**

**Hex(FEBA55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEBA55
RGB	254, 186, 85
RGB Percent	100%, 73%, 33%
CMY	0.0039, 0.2706, 0.6667
CMYK	0.00, 0.27, 0.67, 0.00
HSL	36°, 99%, 66%
HSV	36°, 67%, 100%
XYZ	60.0716, 56.8445, 16.4003
YIQ	194.8180, 72.9490, -16.9950

# Conversions

## Conversions Part 2

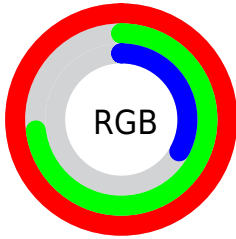
Format	Color
<a href="#">RYB</a>	<a href="#">199, 254, 85</a>
Decimal	<a href="#">16693845</a>
<a href="#">CIELab</a>	<a href="#">80.09, 14.90, 59.26</a>
<a href="#">CIELCh</a>	<a href="#">80, 61.107, 75.888</a>
<a href="#">Yxy</a>	<a href="#">56.8445, 0.4506, 0.4264</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294883925 (0xFFFEBA55)</a>
<a href="#">YUV</a>	<a href="#">194.8180, -54.1403, 51.9026</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.3953, 10.2791, 39.8797</a>

# Details

The Hex color **FEBA55** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5599FE**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFF28A**, and **C1851E** is the 20% darker color. If you saturate the color by 10%, you get **FEB03C**, and if you desaturate by 10%, it is **FEC46E**.

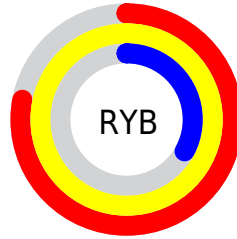
# Distribution



Red (100%)

Green (73%)

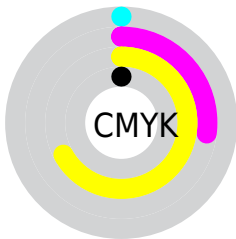
Blue (33%)



Red (78%)

Yellow (100%)

Blue (33%)

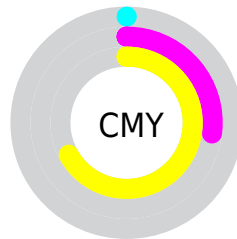


Cyan (0%)

Magenta (27%)

Yellow (67%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FEBA55 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 FEBA55 by changing the saturation by 10% instead.



 FEBA55

 FEBA55

FFFFFF

 DF9F3A

 FFF28A

 C1851E

 FFFFA6

 A36C00

 FFFFC2

 865400

 FFFFDE

 6A3C00

 FFFFFC

 4E2700

 331200

 1C0001

 000000

 FEBA55

 FEBA55

 FEB03C

 FEC46E

 FEA622

 FECE88

 FE9B09

 FED9A1

 FE9800

 FEE3BB

 FEEDD4

 FEF7ED

FEFFFF

# Harmonies

## Analogous

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



FFA577



FEBA55



CACD53

# Triad

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



FEBA55



00E3E4



F1ABFF

# Complementary

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



FEBA55



5599FE

# 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.



9CC2FF



FEBA55



00DFFF

# Square

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



FEBA55



00E1A9



00D4FF



FF99E4

# Rectangle

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



FEBA55



A1D766



00D4FF



D9B3FF



# Sweetspot

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



FEBA55



FFEACC



FE559B



807361



000000



808080



# Same Dimension

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



FEBA55



FFAD33



F0FE55



807A73



BF7200



402600



# Inverse Universe

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



5599FE



3385FF



6355FE



737880



004DBF



001A40



# Previews

## White Background



This preview shows how the Hex color FEBA55 looks on a white background.

## Color Contrast Check

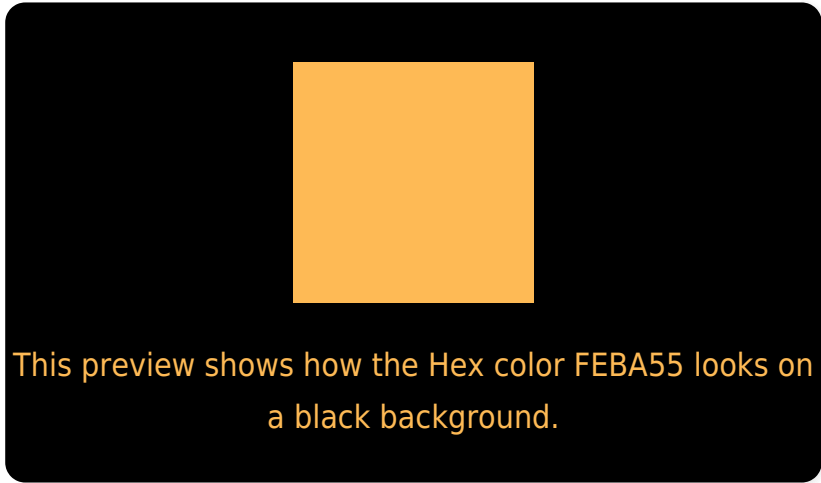
Large Text (above 18pt) WCAG AA × Fail

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 FEBA55 Background



This preview shows how black text looks on a background with the Hex color FEBA55.

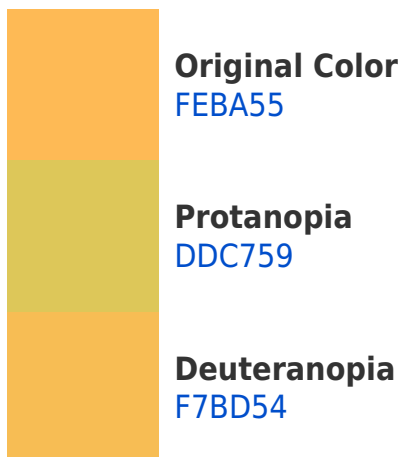


This preview shows how white text looks on a background with the Hex color FEBA55.

# 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](#).

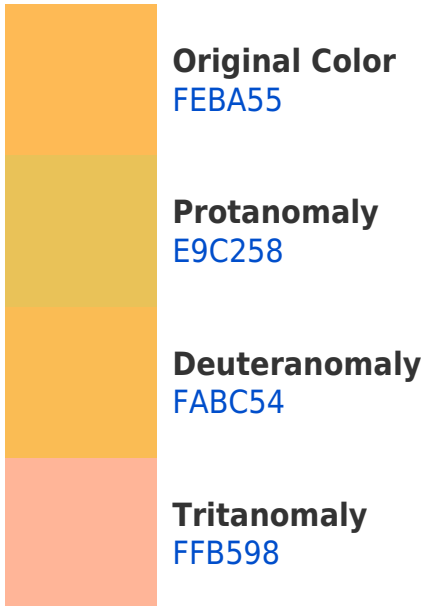
## Dichromacy



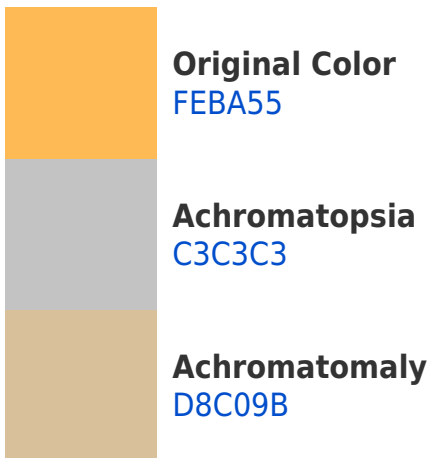


**Tritanopia**  
FFB2BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FEBA55 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 #FEBA55 looks like.

```
.text, #text, p{  
    color:#FEBA55  
}
```

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 #FEBA55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEBA55  
}
```

## Border

The CSS property to change the border of an element to Hex FEBA55 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  
#FEBA55 }
```

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

```
.border{ border-color:#FEBA55 }
```

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

Here you see how a box with a 4 pixel #FEBA55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEBA55; -webkit-box-shadow:4px 4px  
4px 4px #FEBA55; box-shadow:4px 4px 4px  
4px #FEBA55 }
```

# Background

The CSS property to change the background color of an element to Hex FEBA55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEBA55 }
```

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

```
.background{ background-color:#FEBA55 }
```

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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