

Converting Colors

Hex(FEBF53)

Have a look what the booklet for
Hex(FEBF53) contains.

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Color

Hex(FEBF53)

Conversions

Conversions Part 1

Format	Color
Hex	FEBF53
RGB	254, 191, 83
RGB Percent	100%, 75%, 33%
CMY	0.0039, 0.2510, 0.6745
CMYK	0.00, 0.25, 0.67, 0.00
HSL	38°, 99%, 66%
HSV	38°, 67%, 100%
XYZ	61.0652, 58.9570, 16.3450
YIQ	197.5250, 72.2160, -20.2320

Conversions

Conversions Part 2

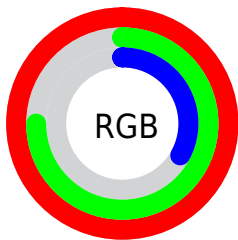
Format	Color
R_{YB}	183, 254, 83
Decimal	16695123
CIE _{Lab}	81.27, 12.18, 61.41
CIE _{LCh}	81, 62.607, 78.779
Yxy	58.9570, 0.4478, 0.4323
Android (android.graphics.Color)	4294885203 (0xFFFEBF53)
YUV	197.5250, -56.4608, 49.5286
Hunter-Lab	76.7834, 7.5884, 41.1273

Details

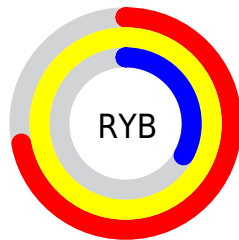
The Hex color **FEBF53** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **5392FE**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFF789**, and **C18A1A** is the 20% darker color. If you saturate the color by 10%, you get **FEB63A**, and if you desaturate by 10%, it is **FEC86C**.

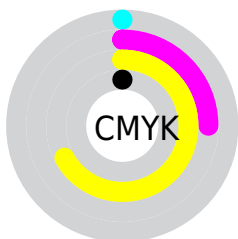
Distribution



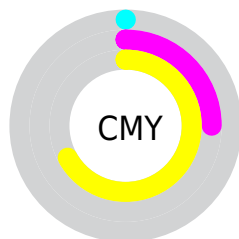
- Red (100%)
- Green (75%)
- Blue (33%)



- Red (72%)
- Yellow (100%)
- Blue (33%)



- Cyan (0%)
- Magenta (25%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FEBF53 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 FEBF53 by changing the saturation by 10% instead.

 FEBF53

 FEBF53

FFFFFF

 DFA438

 FFF789

 C18A1A

 FFFFA4

 A47000

 FFFFC0

 865800

 FFFFDD

 6A4100

 FFFFFA

 4E2B00

 341600

 1C0000

 000000

 FEBF53

 FEBF53

 FEB63A

 FEC86C

 FEAC20

 FED286

 FEA307

 FEDB9F

 FEA000

 FEE4B9

 FEEED2

 FEF7EB

FEFFFF

Harmonies

Analogous

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



FFA974



FEBF53



C7D255

Triad

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



FEBF53



00E7EE



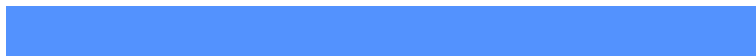
FCACFF

Complementary

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



FEBF53



5392FE

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.



A8C3FF



FEBF53



00E2FF

Square

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



FEBF53



00E6B1



00D7FF



FF99E2

Rectangle

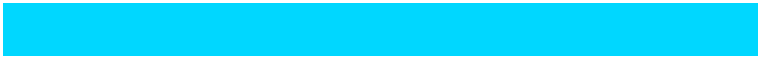
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FEBF53



9CDB6A



00D7FF



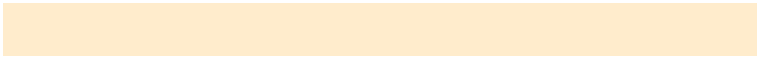
E4B3FF

Sweetspot

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



FEBF53



FFECCC



FE5395



807461



000000



808080

Same Dimension

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



FEBF53



FFB330



EAFE53



807B73



BF7900



402800

Inverse Universe

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



5392FE



307DFF



6753FE



737780



0046BF



001740

Previews

White Background



This preview shows how the Hex color FEBF53 looks on a white background.

Color Contrast Check

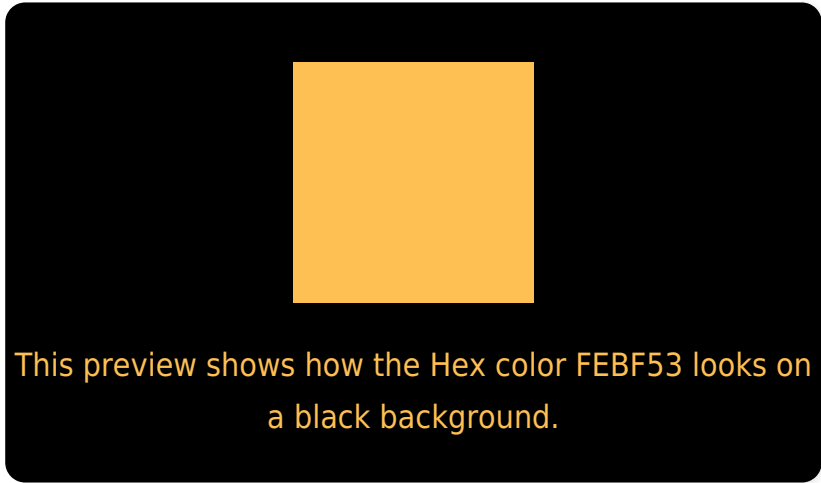
Large Text (above 18pt) WCAG AA × Fail

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 FEBF53 Background



This preview shows how black text looks on a background with the Hex color FEBF53.

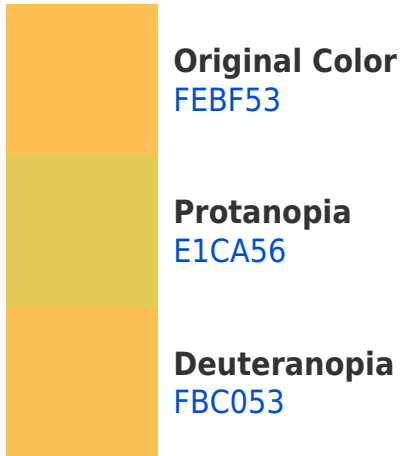


This preview shows how white text looks on a background with the Hex color FEBF53.

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](#).

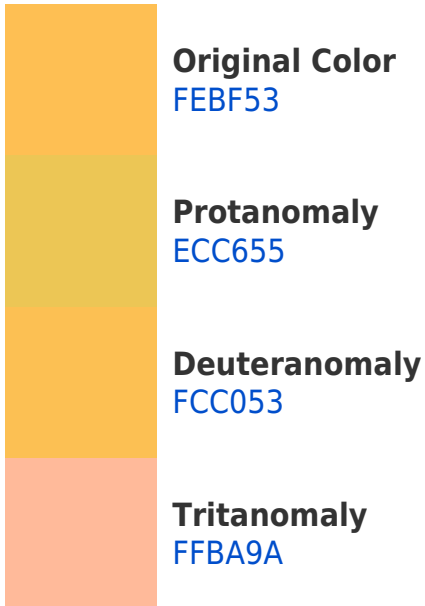
Dichromacy



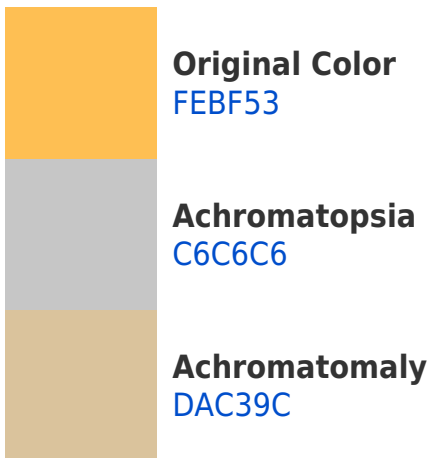


Tritanopia
FFB7C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FEBF53 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 #FEBF53 looks like.

```
.text, #text, p{  
    color:#FEBF53  
}
```

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 #FEBF53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FEBF53
}
```

Border

The CSS property to change the border of an element to Hex FEBF53 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
#FEBF53 }
```

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

```
.border{ border-color:#FEBF53 }
```

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

Here you see how a box with a 4 pixel #FEBF53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FEBF53; -webkit-box-shadow:4px 4px  
4px 4px #FEBF53; box-shadow:4px 4px 4px  
4px #FEBF53 }
```

Background

The CSS property to change the background color of an element to Hex FEBF53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FEBF53 }
```

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

```
.background{ background-color:#FEBF53 }
```

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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