

Converting Colors

Hex(FBAE49)

Have a look what the booklet for
Hex(FBAE49) contains.

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Color

Hex(FBAE49)

Conversions

Conversions Part 1

Format	Color
Hex	FBAE49
RGB	251, 174, 73
RGB Percent	98%, 68%, 29%
CMY	0.0157, 0.3176, 0.7137
CMYK	0.00, 0.31, 0.71, 0.02
HSL	34°, 96%, 64%
HSV	34°, 71%, 98%
XYZ	56.1223, 51.2624, 13.2400
YIQ	185.5090, 78.3130, -15.0870

Conversions

Conversions Part 2

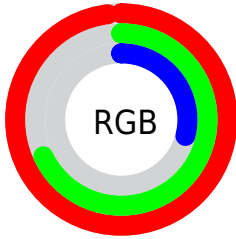
Format	Color
R _Y B	209, 251, 73
Decimal	16494153
CIE Lab	76.84, 19.31, 60.98
CIE LCh	77, 63.964, 72.430
Yxy	51.2624, 0.4653, 0.4250
Android (android.graphics.Color)	4294684233 (0xFFFB4E49)
YUV	185.5090, -55.4669, 57.4356
Hunter-Lab	71.5977, 14.6222, 39.1544

Details

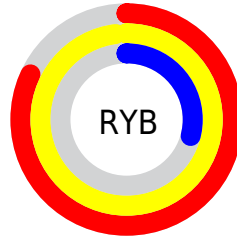
The Hex color **FBAE49** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **4996FB**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFE57E**, and **BE7A0D** is the 20% darker color. If you saturate the color by 10%, you get **FBA330**, and if you desaturate by 10%, it is **FBB962**.

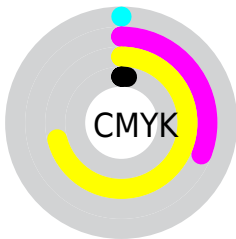
Distribution



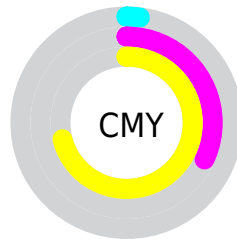
- Red (98%)
- Green (68%)
- Blue (29%)



- Red (82%)
- Yellow (98%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (71%)
- Black (2%)



- Cyan (2%)
- Magenta (32%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBAE49 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 FBAE49 by changing the saturation by 10% instead.

 FBAE49

 FBAE49

FFFFFF

 DC932E

 FFE57E

 BE7A0D

 FFFF9A

 A06100

 FFFFB5

 834900

 FFFF D2

 663200

 FFFF EF

 4A1C00

 2F0700

 0E0000

 000000

 FBAE49

 FBAE49

 FBA330

 FBB962

 FB9817

 FBC47B

 FB8E00

 FBCF94

 FBD9AD

 FBE4C6

 FBFEF0

 FBFAF9

 FBFFFF

Harmonies

Analogous

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



FF9770



FBAE49



C7C241

Triad

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



FBAE49



00DBD5



E1A4FF

Complementary

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



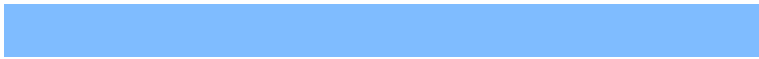
FBAE49



4996FB

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.



7FBCFF



FBAE49



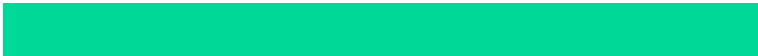
00D8FF

Square

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



FBAE49



00D898



00CEFF



FF8EE3

Rectangle

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



FBAE49



9DCD54



00CEFF



C6ACFF

Sweetspot

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



FBAE49



FFE8C9



FB4996



807260



000000



808080

Same Dimension

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



FBAE49



FFA126



EFFB49



7D7870



BD6B00



3D2300

Inverse Universe

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



4996FB



2684FF



5549FB



70767D



0052BD



001A3D

Previews

White Background



This preview shows how the Hex color FBAE49 looks on a white background.

Color Contrast Check

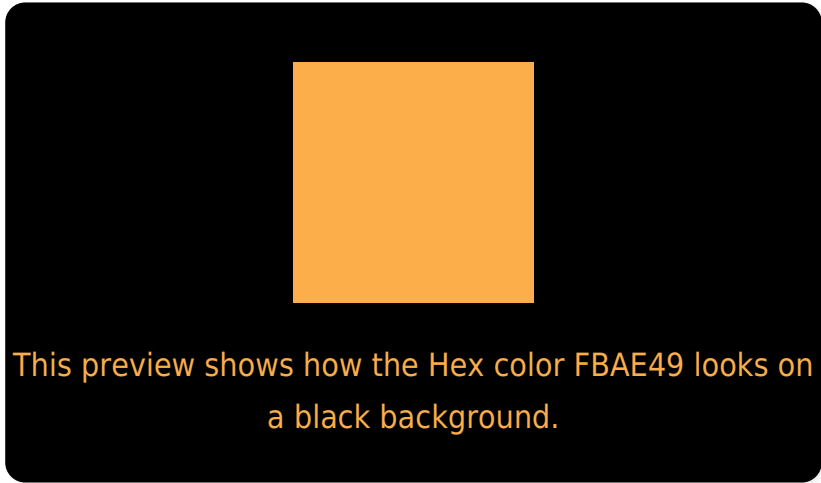
Large Text (above 18pt) WCAG AA × Fail

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 FBAE49 Background



This preview shows how black text looks on a background with the Hex color FBAE49.



This preview shows how white text looks on a background with the Hex color FBAE49.

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



Original Color
FBAE49

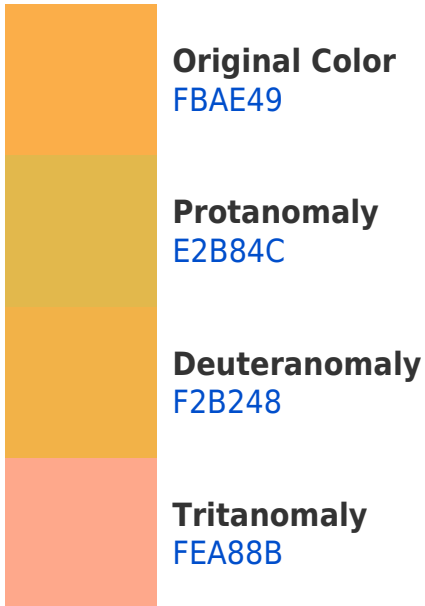
Protanopia
D4BE4E

Deuteranopia
EDB547

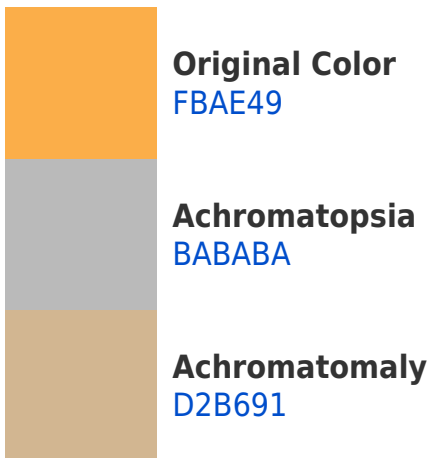


Tritanopia
FFA5B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBAE49 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 #FBAE49 looks like.

```
.text, #text, p{  
    color:#FBAE49  
}
```

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 #FBAE49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBAE49
}
```

Border

The CSS property to change the border of an element to Hex FBAE49 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
#FBAE49 }
```

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

```
.border{ border-color:#FBAE49 }
```

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

Here you see how a box with a 4 pixel #FBAE49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBAE49; -webkit-box-shadow:4px 4px  
4px 4px #FBAE49; box-shadow:4px 4px 4px  
4px #FBAE49 }
```

Background

The CSS property to change the background color of an element to Hex FBAE49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBAE49 }
```

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

```
.background{ background-color:#FBAE49 }
```

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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