

Converting Colors

Hex(F7BB48)

Have a look what the booklet for
Hex(F7BB48) contains.

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Color

Hex(F7BB48)

Conversions

Conversions Part 1

Format	Color
Hex	F7BB48
RGB	247, 187, 72
RGB Percent	97%, 73%, 28%
CMY	0.0314, 0.2667, 0.7176
CMYK	0.00, 0.24, 0.71, 0.03
HSL	39°, 92%, 63%
HSV	39°, 71%, 97%
XYZ	57.2978, 55.7827, 13.8781
YIQ	191.8300, 72.6750, -23.0450

Conversions

Conversions Part 2

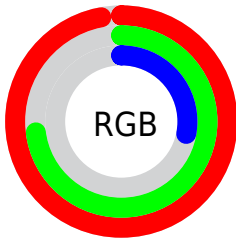
Format	Color
RYB	163, 247, 72
Decimal	16235336
CIELab	79.49, 10.79, 63.99
CIELCh	79, 64.889, 80.433
Yxy	55.7827, 0.4513, 0.4394
Android (android.graphics.Color)	4294425416 (0xFFFF7BB48)
YUV	191.8300, -59.0762, 48.3841
Hunter-Lab	74.6878, 6.2351, 41.2645

Details

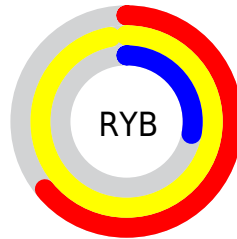
The Hex color **F7BB48** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4884F7**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FFF37E**, and **BA8605** is the 20% darker color. If you saturate the color by 10%, you get **F7B32F**, and if you desaturate by 10%, it is **F7C361**.

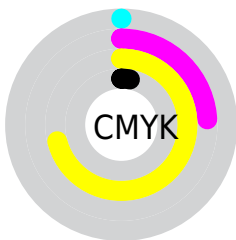
Distribution



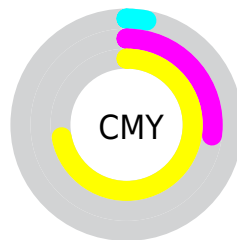
- Red (97%)
- Green (73%)
- Blue (28%)



- Red (64%)
- Yellow (97%)
- Blue (28%)



- Cyan (0%)
- Magenta (24%)
- Yellow (71%)
- Black (3%)



- Cyan (3%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7BB48 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 F7BB48 by changing the saturation by 10% instead.

 F7BB48

 F7BB48

FFFFFF

 D8A02C

 FFF37E

 BA8605

 FFFF9A

 9D6D00

 FFFFB6

 805500

 FFFF D2

 633E00

 FFFF EF

 482800

 2E1400

 140000

 000000

 F7BB48

 F7BB48

 F7B32F

 F7C361

 F7AA17

 F7CC79

 F7A200

 F7D492

 F7DDAB

 F7E5C3

 F7EEDC

 F7F6F5

 F7FFFF

Harmonies

Analogous

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



FFA469



F7BB48



BECE4C

Triad

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



F7BB48



00E3ED



FCA4FF

Complementary

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



F7BB48



4884F7

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.



A6BDFE



F7BB48



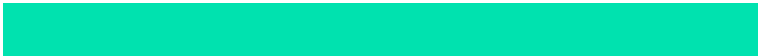
00DEFF

Square

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



F7BB48



00E2AF



00D1FF



FF91DB

Rectangle

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



F7BB48



91D864



00D1FF



E4ACFF

Sweetspot

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



F7BB48



FFEDC9



F74885



807560



000000



808080

Same Dimension

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



F7BB48



FFB526



DDF748



7A766E



BA7A00



3B2700

Inverse Universe

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



4884F7



2671FF



6248F7



6E727A



0040BA



00143B

Previews

White Background



This preview shows how the Hex color F7BB48 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



This preview shows how the Hex color F7BB48 looks on a 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 F7BB48 Background



This preview shows how black text looks on a background with the Hex color F7BB48.



This preview shows how white text looks on a background with the Hex color F7BB48.

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
F7BB48

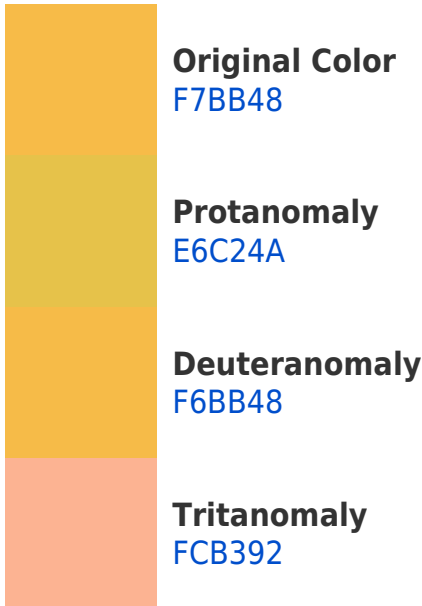
Protanopia
DCC64B

Deuteranopia
F6BB48

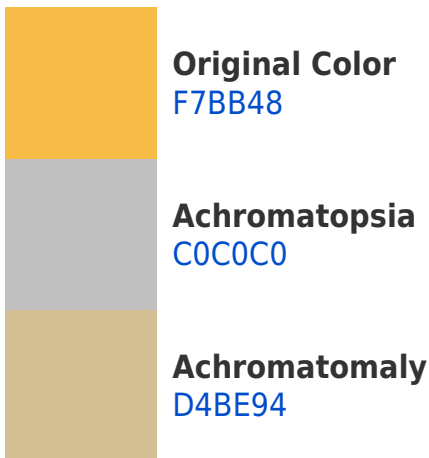


Tritanopia
FFAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7BB48 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 #F7BB48 looks like.

```
.text, #text, p{  
    color:#F7BB48  
}
```

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 #F7BB48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7BB48
}
```

Border

The CSS property to change the border of an element to Hex F7BB48 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
#F7BB48 }
```

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

```
.border{ border-color:#F7BB48 }
```

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

Here you see how a box with a 4 pixel #F7BB48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7BB48; -webkit-box-shadow:4px 4px  
4px 4px #F7BB48; box-shadow:4px 4px 4px  
4px #F7BB48 }
```

Background

The CSS property to change the background color of an element to Hex F7BB48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7BB48 }
```

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

```
.background{ background-color:#F7BB48 }
```

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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