

Converting Colors

Hex(FBD947)

Have a look what the booklet for
Hex(FBD947) contains.

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Color

Hex(FBD947)

Conversions

Conversions Part 1

Format	Color
Hex	FBD947
RGB	251, 217, 71
RGB Percent	98%, 85%, 28%
CMY	0.0157, 0.1490, 0.7216
CMYK	0.00, 0.14, 0.72, 0.02
HSL	49°, 96%, 63%
HSV	49°, 72%, 98%
XYZ	65.7338, 70.5899, 16.1219
YIQ	210.5220, 67.1300, -38.1980

Conversions

Conversions Part 2

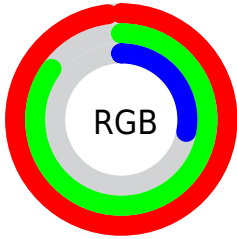
Format	Color
RYB	113, 251, 71
Decimal	16505159
CIELab	87.29, -3.03, 72.27
CIELCh	87, 72.334, 92.399
Yxy	70.5899, 0.4312, 0.4630
Android (android.graphics.Color)	4294695239 (0xFFFFBD947)
YUV	210.5220, -68.7843, 35.4992
Hunter-Lab	84.0178, -7.3762, 47.4355

Details

The Hex color **FBD947** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4769FB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF80**, and **BEA300** is the 20% darker color. If you saturate the color by 10%, you get **FBD42E**, and if you desaturate by 10%, it is **FBDE60**.

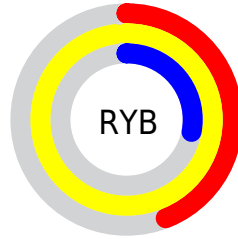
Distribution



Red (98%)

Green (85%)

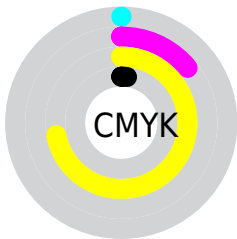
Blue (28%)



Red (44%)

Yellow (98%)

Blue (28%)

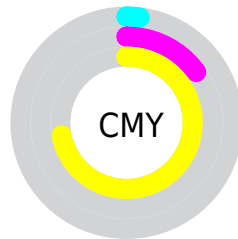


Cyan (0%)

Magenta (14%)

Yellow (72%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBD947 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 FBD947 by changing the saturation by 10% instead.

 FBD947

 FBD947

FFFFFF

 DCBD28

 FFFF80

 BEA300

 FFFF9C

 A18900

 FFFFB8

 846F00

 FFFF D5

 685700

 FFFFF3

 4C4000

 322B00

 1A1700

 000000

 FBD947

 FBD947

 FBD42E

 FBDE60

 FBD015

 FBE279

 FBCC00

 FBE792

 FBECAB

 FBF1C4

 FBF5DE

 FBFAF7

 FBFFFF

Harmonies

Analogous

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



FFC05F



FBD947



B5EC5F

Triad

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



FBD947



00FBFF



FFAAFF

Complementary

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



FBD947



4769FB

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.



E4C6FF



FBD947



00F2FF

Square

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



FBD947



00FCDE



4AE1FF



FF9CD8

Rectangle

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



FBD947



79F483



4AE1FF



FFB3FF

Sweetspot

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



FBD947



FFF4C7



FB476B



80795E



000000



808080

Same Dimension

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



FBD947



FFD624



C5FB47



7D7B70



BD9900



3D3200

Inverse Universe

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



4769FB



244DFF



7D47FB



70737D



0024BD



000C3D

Previews

White Background



This preview shows how the Hex color FBD947 looks on a white background.

Color Contrast Check

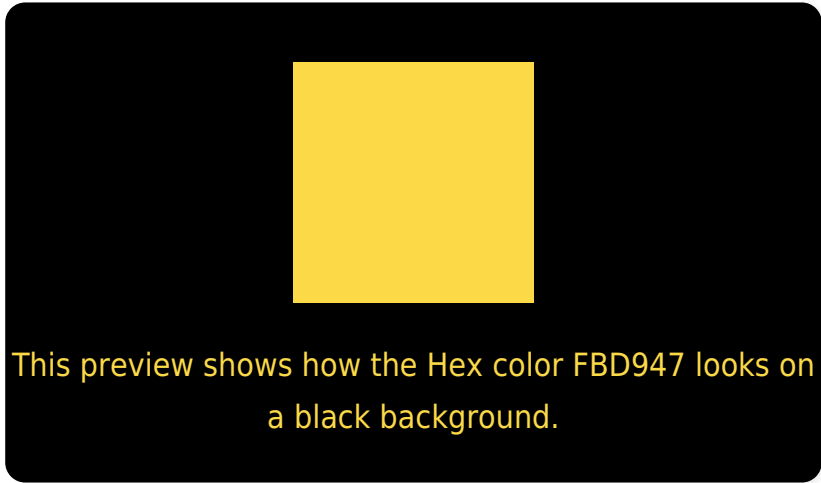
Large Text (above 18pt) WCAG AA × Fail

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 FBD947 Background



This preview shows how black text looks on a background with the Hex color FBD947.

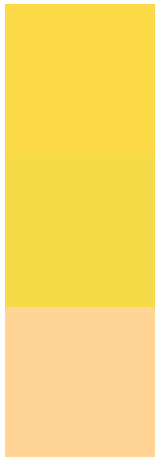


This preview shows how white text looks on a background with the Hex color FBD947.

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
FBD947

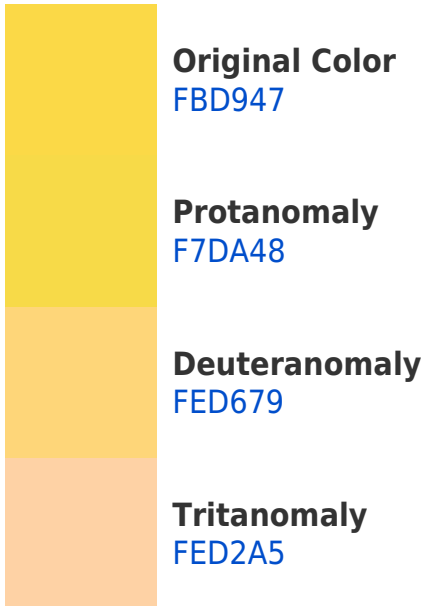
Protanopia
F5DB48

Deuteranopia
FFD495

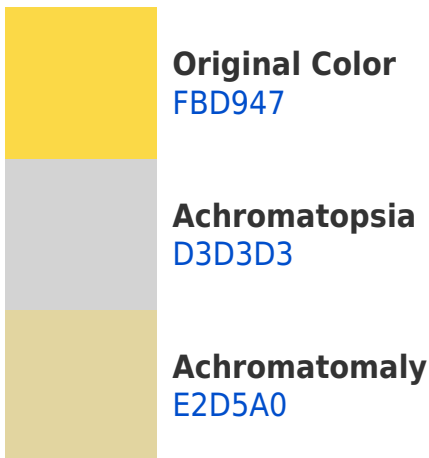


Tritanopia
FFCEDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBD947 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 #FBD947 looks like.

```
.text, #text, p{  
    color:#FBD947  
}
```

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 #FBD947 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD947
}
```

Border

The CSS property to change the border of an element to Hex FBD947 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
#FBD947 }
```

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

```
.border{ border-color:#FBD947 }
```

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

Here you see how a box with a 4 pixel #FBD947 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD947; -webkit-box-shadow:4px 4px  
4px 4px #FBD947; box-shadow:4px 4px 4px  
4px #FBD947 }
```

Background

The CSS property to change the background color of an element to Hex FBD947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD947 }
```

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

```
.background{ background-color:#FBD947 }
```

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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