

Converting Colors

Hex(FBDF3B)

Have a look what the booklet for
Hex(FBDF3B) contains.

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Color

Hex(FBDF3B)

Conversions

Conversions Part 1

Format	Color
Hex	FBDF3B
RGB	251, 223, 59
RGB Percent	98%, 87%, 23%
CMY	0.0157, 0.1255, 0.7686
CMYK	0.00, 0.11, 0.76, 0.02
HSL	51°, 96%, 61%
HSV	51°, 76%, 98%
XYZ	66.9608, 73.6003, 14.8148
YIQ	212.6760, 69.3320, -45.0680

Conversions

Conversions Part 2

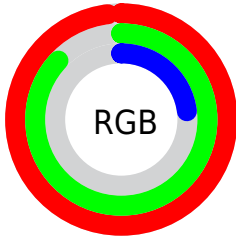
Format	Color
R _{YB}	92, 251, 59
Decimal	16506683
CIE Lab	88.73, -6.53, 77.71
CIE LCh	89, 77.982, 94.807
Yxy	73.6003, 0.4310, 0.4737
Android (android.graphics.Color)	4294696763 (0xFFFFBDF3B)
YUV	212.6760, -75.7623, 33.6101
Hunter-Lab	85.7906, -10.8120, 49.8150

Details

The Hex color **FBDF3B** 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 **3B57FB**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF76**, and **BEA800** is the 20% darker color. If you saturate the color by 10%, you get **FBDB22**, and if you desaturate by 10%, it is **FBE354**.

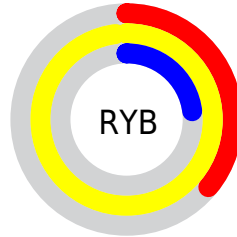
Distribution



Red (98%)

Green (87%)

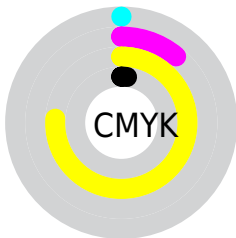
Blue (23%)



Red (36%)

Yellow (98%)

Blue (23%)

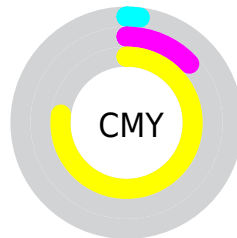


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBDF3B 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 FBDF3B by changing the saturation by 10% instead.

 FBDF3B

 FBDF3B

FFFFFF

 DCC313

 FFFF76

 BEA800

 FFFF93

 A18E00

 FFFFB0

 847500

 FFFFCD

 675C00

 FFFFEA

 4B4500

 312F00

 191B00

 000000

 FBDF3B

 FBDF3B

 FBDB22

 FBE354

 FBD809

 FBE66D

 FBD600

 FBEA86

 FBEE9F

 FBF1B9

 FBF5D2

 FBF9EB

 FBFCFF

 FBFFFF

Harmonies

Analogous

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



FFC454



FBD33B



AEF35C

Triad

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



FBD33B



00FFFF



FF00FF

Complementary

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



FBD33B



3B57FB

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.



F1C6FF



FBDF3B



00F7FF

Square

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



FBD33B



00FF99



49E3FF



FF99D6

Rectangle

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



FBD33B



67FB85



49E3FF



FFB1FF

Sweetspot

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



FBD33B



FFF6C4



FB3B58



807A5C



000000



808080

Same Dimension

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



FBD33B



FFDD14



B8FB3B



7D7B70



BDA100



3D3400

Inverse Universe

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



3B57FB



1437FF



7E3BFB



70727D



001CBD



00093D

Previews

White Background



This preview shows how the Hex color FBDF3B looks on a white background.

Color Contrast Check

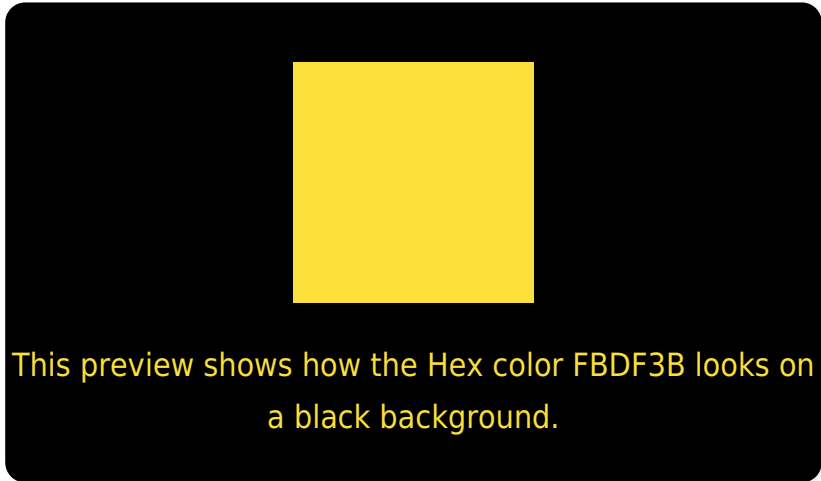
Large Text (above 18pt) WCAG AA × Fail

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 FBDF3B Background



This preview shows how black text looks on a background with the Hex color FBDF3B.

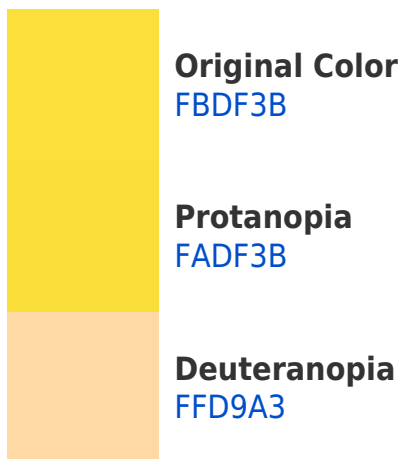


This preview shows how white text looks on a background with the Hex color FBDF3B.

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](#).

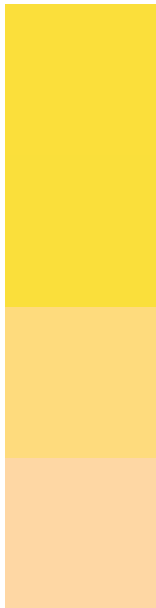
Dichromacy





Tritanopia
FFD3E0

Trichromacy



Original Color
FBDF3B

Protanomaly
FADF3B

Deuteranomaly
FEDB7D

Tritanomaly
FED7A4

Monochromacy



Original Color
FBDF3B

Achromatopsia
D5D5D5

Achromatomaly
E3D99D

CSS Examples

Text

The CSS property to change the color of the text to Hex FBDF3B 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 #FBDF3B looks like.

```
.text, #text, p{  
    color:#FBDF3B  
}
```

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 #FBDF3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBDF3B
}
```

Border

The CSS property to change the border of an element to Hex FBDF3B 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
#FBDF3B }
```

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

```
.border{ border-color:#FBDF3B }
```

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

Here you see how a box with a 4 pixel #FBDF3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBDF3B; -webkit-box-shadow:4px 4px  
4px 4px #FBDF3B; box-shadow:4px 4px 4px  
4px #FBDF3B }
```

Background

The CSS property to change the background color of an element to Hex FBDF3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBDF3B }
```

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

```
.background{ background-color:#FBDF3B }
```

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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