

Converting Colors

Hex(FBD05B)

Have a look what the booklet for
Hex(FBD05B) contains.

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Color

Hex(FBD05B)

Conversions

Conversions Part 1

Format	Color
Hex	FBD05B
RGB	251, 208, 91
RGB Percent	98%, 82%, 36%
CMY	0.0157, 0.1843, 0.6431
CMYK	0.00, 0.17, 0.64, 0.02
HSL	44°, 95%, 67%
HSV	44°, 64%, 98%
XYZ	64.2279, 66.3763, 19.3243
YIQ	207.5190, 63.1850, -27.2710

Conversions

Conversions Part 2

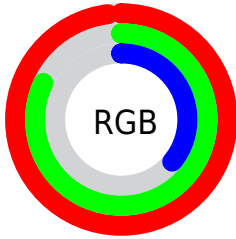
Format	Color
RYB	150, 251, 91
Decimal	16502875
CIELab	85.19, 2.61, 62.07
CIELCh	85, 62.123, 87.593
Yxy	66.3763, 0.4284, 0.4427
Android (android.graphics.Color)	4294692955 (0xFFFB05B)
YUV	207.5190, -57.4439, 38.1328
Hunter-Lab	81.4717, -1.8556, 42.9672

Details

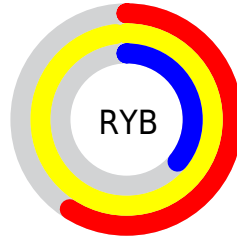
The Hex color **FBD05B** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5B86FB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FFFF91**, and **BF9A23** is the 20% darker color. If you saturate the color by 10%, you get **FBC942**, and if you desaturate by 10%, it is **FBD774**.

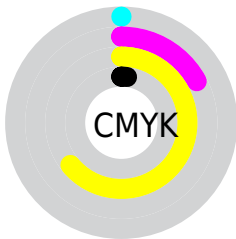
Distribution



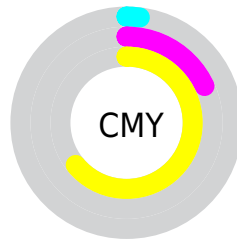
- Red (98%)
- Green (82%)
- Blue (36%)



- Red (59%)
- Yellow (98%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (64%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBD05B 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 FBD05B by changing the saturation by 10% instead.

 FBD05B

 FBD05B

FFFFFF

 DDB540

 FFFF91

 BF9A23

 FFFFAD

 A28000

 FFFFC9

 856700

 FFFFEE

 695000

 4E3900

 332400

 1B0F00

 000000

 FBD05B

 FBD05B

 FBC942

 FBD774

 FBC329

 FBDD8D

 FBBC10

 FBE4A6

 FBB800

 FBEBBF

 FBF2D9

 FBF8F2

 FBFFFF

Harmonies

Analogous

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



FFBA72



FBD05B



C0E168

Triad

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



FBD05B



00F2FF



FFB0FF

Complementary

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



FBD05B



5B86FB

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.



D1C7FF



FBD05B



00EBFF

Square

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



FBD05B



00F2CE



54DDFF



FFA3DC

Rectangle

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



FBD05B



92EA82



54DDFF



FFB8FF

Sweetspot

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



FBD05B



FFF2CF



FB5B88



807862



000000



808080

Same Dimension

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



FBD05B



FFCB3D



D8FB5B



7D7A70



BD8A00



3D2D00

Inverse Universe

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



5B86FB



3D71FF



7E5BFB



70747D



0033BD



00103D

Previews

White Background



This preview shows how the Hex color FBD05B looks on a white background.

Color Contrast Check

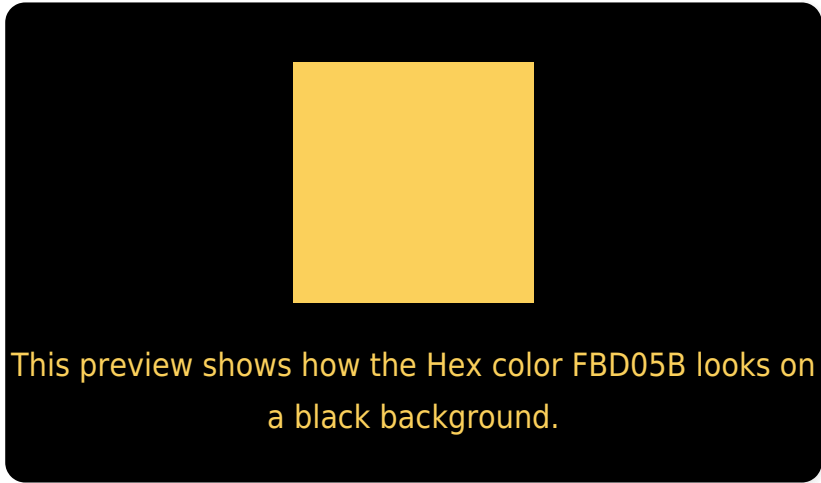
Large Text (above 18pt) WCAG AA × Fail

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 FBD05B Background



This preview shows how black text looks on a background with the Hex color FBD05B.

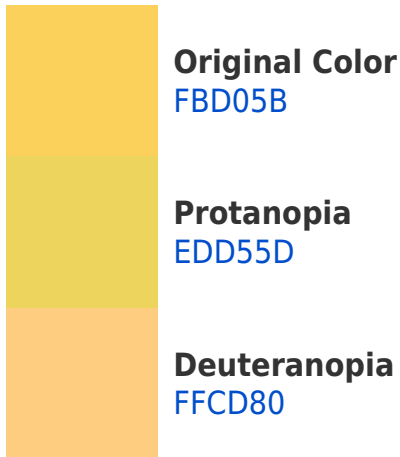


This preview shows how white text looks on a background with the Hex color FBD05B.

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](#).

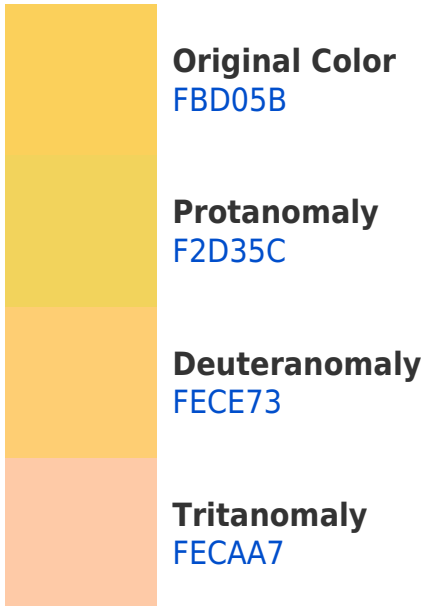
Dichromacy



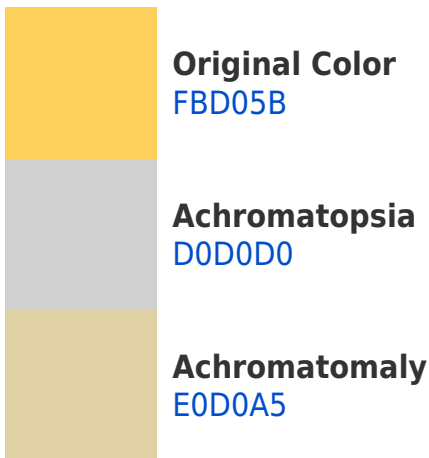


Tritanopia
FFC6D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBD05B 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 #FBD05B looks like.

```
.text, #text, p{  
    color:#FBD05B  
}
```

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 #FBD05B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD05B }  
}
```

Border

The CSS property to change the border of an element to Hex FBD05B 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 #FBD05B }  
}
```

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

```
.border{ border-color:#FBD05B }
```

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

Here you see how a box with a 4 pixel #FBD05B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD05B; -webkit-box-shadow:4px 4px  
4px 4px #FBD05B; box-shadow:4px 4px 4px  
4px #FBD05B }
```

Background

The CSS property to change the background color of an element to Hex FBD05B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD05B }
```

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

```
.background{ background-color:#FBD05B }
```

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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