

Converting Colors

Hex(FBD682)

Have a look what the booklet for
Hex(FBD682) contains.

Hex(FBD682)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FBD682)

Conversions

Conversions Part 1

Format	Color
Hex	FBD682
RGB	251, 214, 130
RGB Percent	98%, 84%, 51%
CMY	0.0157, 0.1608, 0.4902
CMYK	0.00, 0.15, 0.48, 0.02
HSL	42°, 94%, 75%
HSV	42°, 48%, 98%
XYZ	67.8595, 70.2141, 31.0952
YIQ	215.4870, 49.0160, -18.2800

Conversions

Conversions Part 2

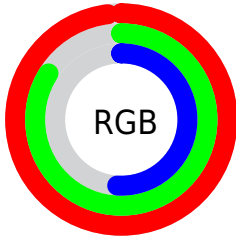
Format	Color
RYB	183, 251, 130
Decimal	16504450
CIELab	87.10, 2.48, 46.05
CIElCh	87, 46.122, 86.919
Yxy	70.2141, 0.4011, 0.4151
Android (android.graphics.Color)	4294694530 (0xFFFB682)
YUV	215.4870, -42.1451, 31.1449
Hunter-Lab	83.7938, -2.0830, 36.6537

Details

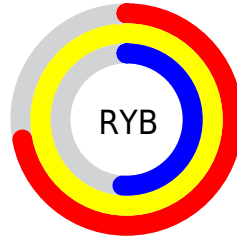
The Hex color **FBD682** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **82A7FB**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFFB8**, and **C0A04E** is the 20% darker color. If you saturate the color by 10%, you get **FBCE69**, and if you desaturate by 10%, it is **FBDE9B**.

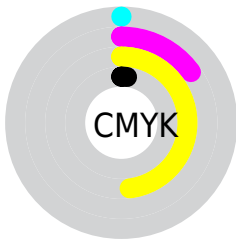
Distribution



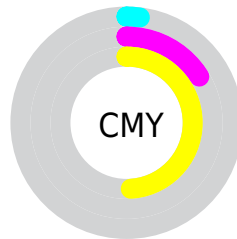
- Red (98%)
- Green (84%)
- Blue (51%)



- Red (72%)
- Yellow (98%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (16%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color FBD682 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 FBD682 by changing the saturation by 10% instead.

 FBD682

 FBD682

FFFFFF

 DDBA68

 FFFFB8

 C0A04E

 FFFFD4

 A48535

 FFFFF1

 886C1C

 6C5400

 523D00

 382800

 201400

 000000

 FBD682

 FBD682

 FBCE69

 FBDE9B

 FBC750

 FBE5B4

 FBFB37

 FBEDCD

 FBB71E

 FBF5E6

 FBB004

 FBFCFF

 FBAE00

 FBFFFF

Harmonies

Analogous

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



FFC792



FBD682



CEE38A

Triad

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



FBD682



0FF1FF



FFC1FF

Complementary

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



FBD682



82A7FB

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.



D9D1FF



FBD682



3EEBFF

Square

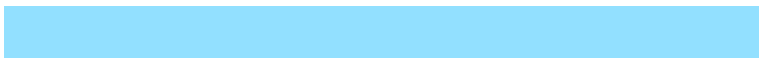
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FBD682



5EF1D4



92E0FF



FFB8E0

Rectangle

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



FBD682



ADEA9D



92E0FF



FEC6FF

Sweetspot

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



FBD682



FFF4DB



FB82A8



80796A



000000



808080

Same Dimension

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



FBD682



FFD26B



E5FB82



7D7970



BD8300



3D2A00

Inverse Universe

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



82A7FB



6B98FF



9882FB



70747D



003ABD



00133D

Previews

White Background



This preview shows how the Hex color FBD682 looks on a white background.

Color Contrast Check

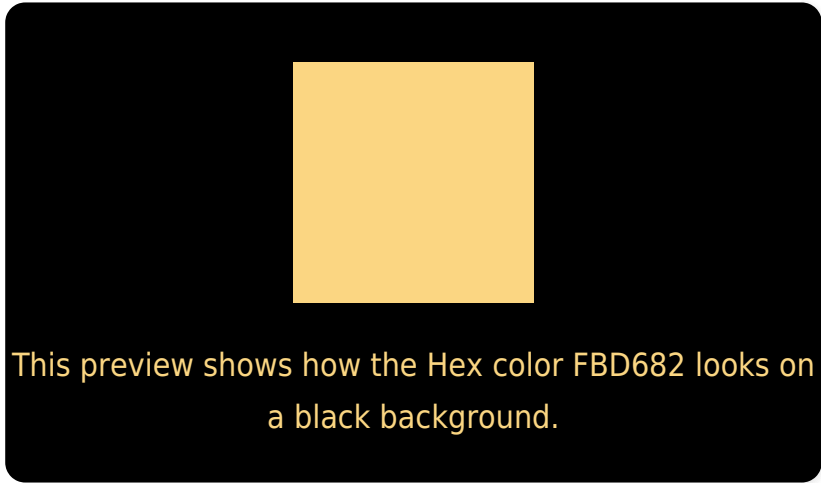
Large Text (above 18pt) WCAG AA × Fail

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 FBD682 Background



This preview shows how black text looks on a background with the Hex color FBD682.

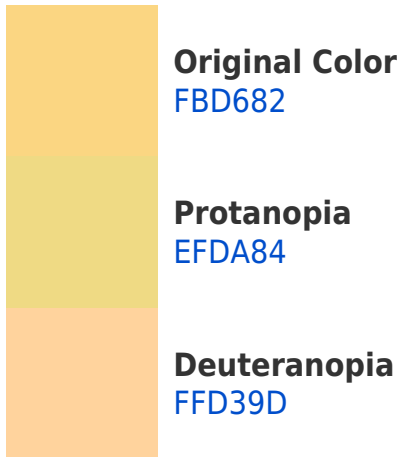


This preview shows how white text looks on a background with the Hex color FBD682.

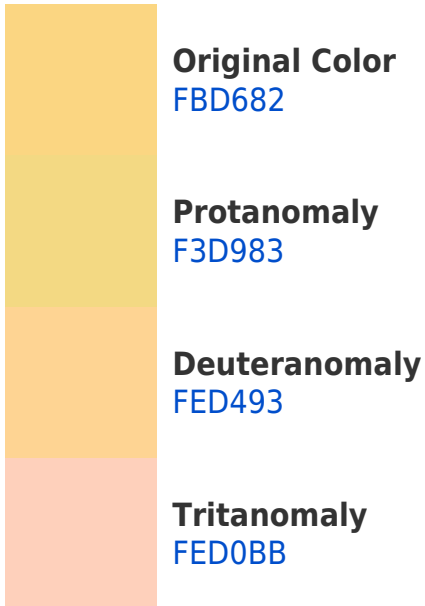
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FBD682 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 #FBD682 looks like.

```
.text, #text, p{  
    color:#FBD682  
}
```

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 #FBD682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBD682
}
```

Border

The CSS property to change the border of an element to Hex FBD682 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
#FBD682 }
```

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

```
.border{ border-color:#FBD682 }
```

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

Here you see how a box with a 4 pixel #FBD682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBD682; -webkit-box-shadow:4px 4px  
4px 4px #FBD682; box-shadow:4px 4px 4px  
4px #FBD682 }
```

Background

The CSS property to change the background color of an element to Hex FBD682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBD682 }
```

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

```
.background{ background-color:#FBD682 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor