

# Converting Colors

Hex(FBCF69)

Have a look what the booklet for  
Hex(FBCF69) contains.

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# **Color**

**Hex(FBCF69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBCF69
RGB	251, 207, 105
RGB Percent	98%, 81%, 41%
CMY	0.0157, 0.1882, 0.5882
CMYK	0.00, 0.18, 0.58, 0.02
HSL	42°, 95%, 70%
HSV	42°, 58%, 98%
XYZ	64.6463, 66.1548, 22.7265
YIQ	208.5280, 58.9660, -22.3940

# Conversions

## Conversions Part 2

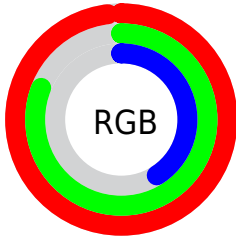
Format	Color
<a href="#">RYB</a>	<a href="#">168, 251, 105</a>
Decimal	<a href="#">16502633</a>
CIELab	<a href="#">85.08, 4.05, 55.63</a>
CIELCh	<a href="#">85, 55.777, 85.840</a>
Yxy	<a href="#">66.1548, 0.4211, 0.4309</a>
Android (android.graphics.Color)	<a href="#">4294692713</a> (0xFFFBCF69)
YUV	<a href="#">208.5280, -51.0393, 37.2479</a>
Hunter-Lab	<a href="#">81.3356, -0.4638, 40.3683</a>

# Details

The Hex color **FBCF69** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6995FB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FFFF9F**, and **BF9934** is the 20% darker color. If you saturate the color by 10%, you get **FBC750**, and if you desaturate by 10%, it is **FBD782**.

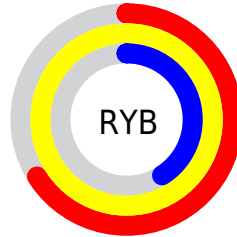
# Distribution



Red (98%)

Green (81%)

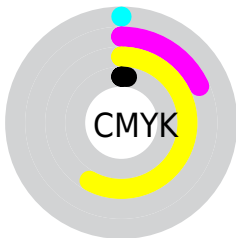
Blue (41%)



Red (66%)

Yellow (98%)

Blue (41%)

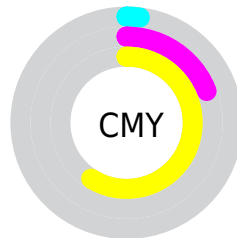


Cyan (0%)

Magenta (18%)

Yellow (58%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBCF69 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 FBCF69 by changing the saturation by 10% instead.



 FBCF69

 FBCF69

FFFFFF

 DDB44F

 FFFF9F

 BF9934

 FFFFBB

 A27F17

 FFFFD7

 866600

 FFFFF4

 6A4F00

 4F3800

 352300

 1C0E00

 000000

 FBCF69

 FBCF69

 FBC750

 FBD782

 FBC037

 FBDE9B

 FBB81E

 FBE6B4

 FBB105

 FBEDCD

 FBAF00

 FBF5E6

 FBFCFF

 FBFFFF

# Harmonies

## Analogous

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



FFBC7F



FBCF69



C7DF72

# Triad

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



FBCF69



00EFFF



FFB6FF

# Complementary

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



FBCF69



6995FB

# 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.



CDCAFF



FBCF69



00E9FF

# Square

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



FBCF69



03EFCB



69DCFF



FFA9DE

# Rectangle

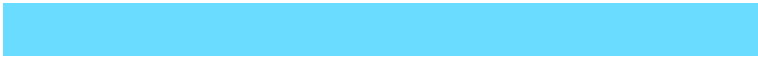
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBCF69



9EE789



69DCFF



FDBCFF



# Sweetspot

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



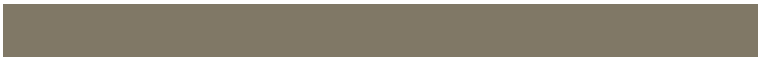
FBCF69



FFF2D4



FB6997



807866



000000



808080



# Same Dimension

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



FBCF69



FFC94D



E0FB69



7D7970



BD8400



3D2B00



# Inverse Universe

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



6995FB



4D82FF



8469FB



70747D



0039BD



00123D



# Previews

## White Background



This preview shows how the Hex color FBCF69 looks on a white background.

## Color Contrast Check

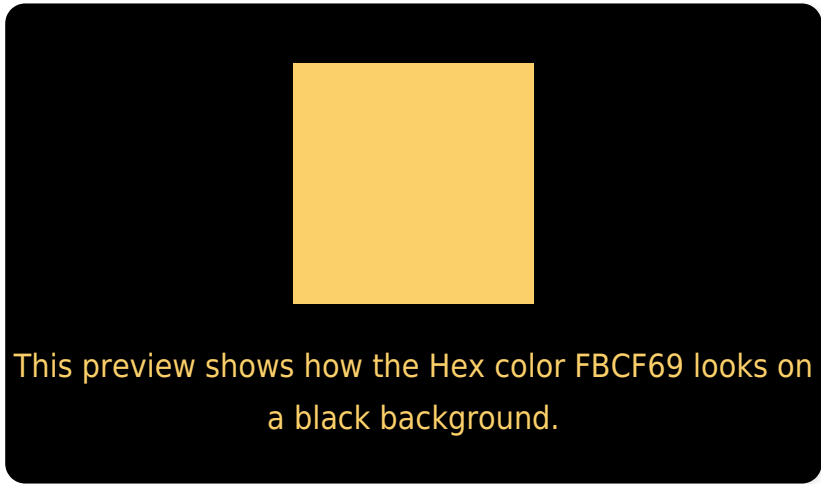
Large Text (above 18pt) WCAG AA × Fail

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 FBCF69 Background



This preview shows how black text looks on a background with the Hex color FBCF69.

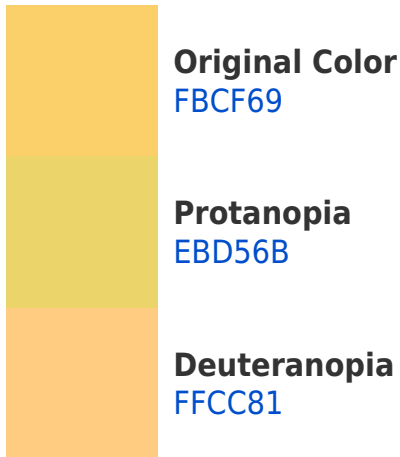


This preview shows how white text looks on a background with the Hex color FBCF69.

# 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](#).

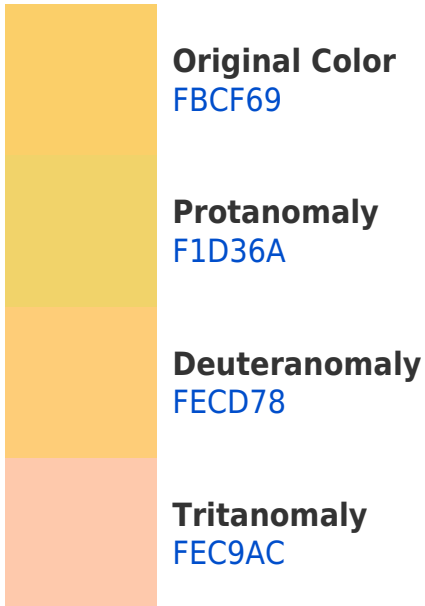
## Dichromacy



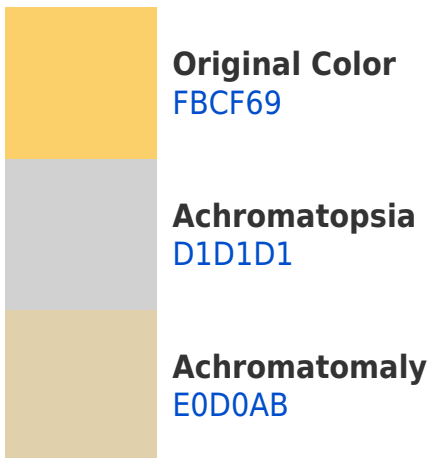


**Tritanopia**  
FFC5D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBCF69 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 #FBCF69 looks like.

```
.text, #text, p{  
    color:#FBCF69  
}
```

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 #FBCF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBCF69
}
```

## Border

The CSS property to change the border of an element to Hex FBCF69 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
#FBCF69 }
```

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

```
.border{ border-color:#FBCF69 }
```

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

Here you see how a box with a 4 pixel #FBCF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBCF69; -webkit-box-shadow:4px 4px  
4px 4px #FBCF69; box-shadow:4px 4px 4px  
4px #FBCF69 }
```

# Background

The CSS property to change the background color of an element to Hex FBCF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBCF69 }
```

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

```
.background{ background-color:#FBCF69 }
```

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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