

# Converting Colors

Hex(BFB345)

Have a look what the booklet for  
Hex(BFB345) contains.

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**Color**

**Hex(BFB345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFB345
RGB	191, 179, 69
RGB Percent	75%, 70%, 27%
CMY	0.2510, 0.2980, 0.7294
CMYK	0.00, 0.06, 0.64, 0.25
HSL	54°, 49%, 51%
HSV	54°, 64%, 75%
XYZ	38.6801, 43.7462, 12.0354
YIQ	170.0480, 42.4620, -31.6660

# Conversions

## Conversions Part 2

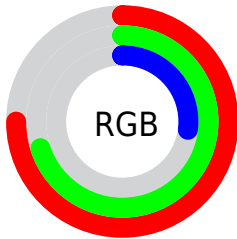
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">82, 191, 69</a>
Decimal	<a href="#">12563269</a>
CIELab	<a href="#">72.06, -9.04, 55.84</a>
CIELCh	<a href="#">72, 56.568, 99.191</a>
Yxy	<a href="#">43.7462, 0.4095, 0.4631</a>
Android (android.graphics.Color)	<a href="#">4290753349 (0xFFBFB345)</a>
YUV	<a href="#">170.0480, -49.8167, 18.3749</a>
Hunter-Lab	<a href="#">66.1409, -11.3574, 35.5099</a>

# Details

The Hex color **BFB345** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4551BF**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FAEB7A**, and **867F07** is the 20% darker color. If you saturate the color by 10%, you get **BFB132**, and if you desaturate by 10%, it is **BFB558**.

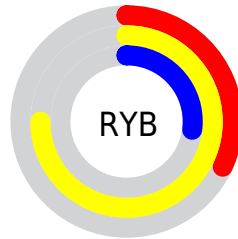
# Distribution



Red (75%)

Green (70%)

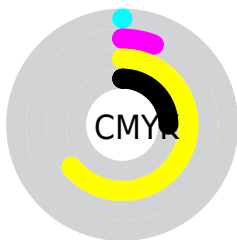
Blue (27%)



Red (32%)

Yellow (75%)

Blue (27%)

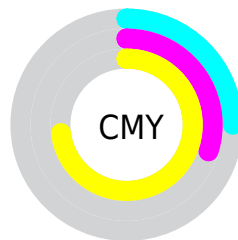


Cyan (0%)

Magenta (6%)

Yellow (64%)

Black (25%)



Cyan (25%)

Magenta (30%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB345 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 BFB345 by changing the saturation by 10% instead.





BFB345



BFB345

FFFFFF



A2982A



FAEB7A



867F07



FFFF95



6B6600



FFFF80



514E00



FFFF60



363700



FFFF30



1E2200



000E00



000000



BFB345



BFB345

 BFB132

 BFB558

 BFAF1F

 BFB76B

 BFAD0C

 BFB97E

 BFAC00

 BFB891

 BFBCA5

 BFBEB8

 BFC0CB

 BFC2DE

 BFC4F1

# Harmonies

## Analogous

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



EBA14E



BFB345



87C05D

# Triad

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



BFB345



00C8F1



FC8AD7

# Complementary

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



BFB345



4551BF

# 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.



C99DFF



BFB345



00C0FF

# Square

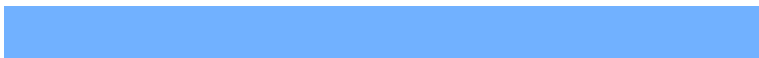
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BFB345



00CBBF



71B1FF



FF84A3

# Rectangle

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



BFB345



57C679



71B1FF



EF8FE6



# Sweetspot

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



BFB345



F7F3C8



BF4551



7D7A60



FCFCFC



7D7D7D



# Same Dimension

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



BFB345



F7E539



8EBF45



5E5D55



9E8F00



1F1C00



# Inverse Universe

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



4551BF



394CF7



7645BF



55565E



00109E



00031F



# Previews

## White Background



This preview shows how the Hex color BFB345 looks on a white background.

## Color Contrast Check

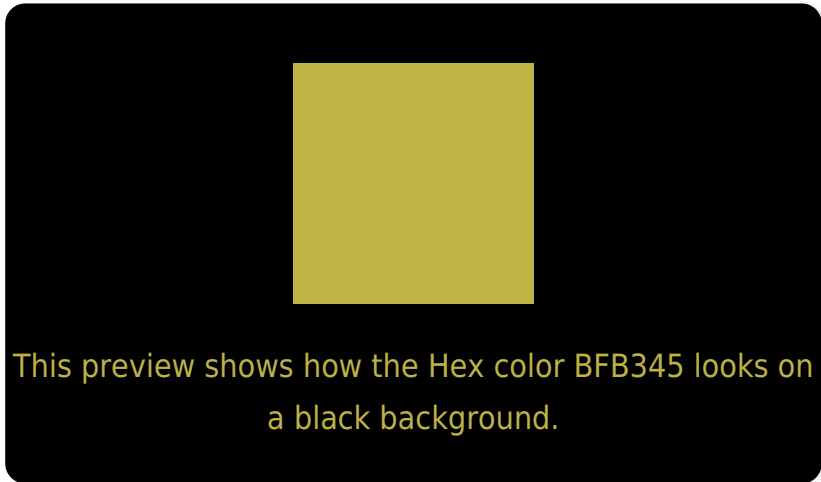
Large Text (above 18pt) WCAG AA × Fail

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 BFB345 Background



This preview shows how black text looks on a background with the Hex color BFB345.



This preview shows how white text looks on a background with the Hex color BFB345.

# 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**  
BFB345

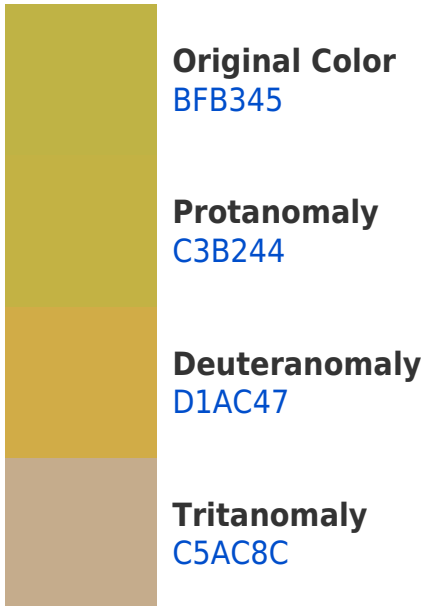
**Protanopia**  
C5B144

**Deuteranopia**  
DBA848



**Tritanopia**  
C9A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB345 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 #BFB345 looks like.

```
.text, #text, p{  
    color:#BFB345  
}
```

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 #BFB345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB345
}
```

## Border

The CSS property to change the border of an element to Hex BFB345 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
#BFB345 }
```

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

```
.border{ border-color:#BFB345 }
```

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

Here you see how a box with a 4 pixel #BFB345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB345; -webkit-box-shadow:4px 4px  
4px 4px #BFB345; box-shadow:4px 4px 4px  
4px #BFB345 }
```

# Background

The CSS property to change the background color of an element to Hex BFB345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB345 }
```

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

```
.background{ background-color:#BFB345 }
```

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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