

# Converting Colors

Hex(BFB750)

Have a look what the booklet for  
Hex(BFB750) contains.

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**Color**

**Hex(BFB750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFB750</a>
RGB	191, 183, 80
RGB Percent	75%, 72%, 31%
CMY	0.2510, 0.2824, 0.6863
CMYK	0.00, 0.04, 0.58, 0.25
HSL	56°, 46%, 53%
HSV	56°, 58%, 75%
XYZ	39.8673, 45.5225, 14.2749
YIQ	173.6500, 37.8310, -30.3370

# Conversions

## Conversions Part 2

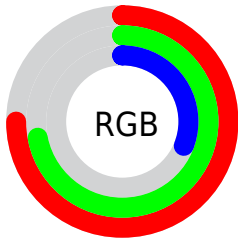
Format	Color
<a href="#">RYB</a>	89, 191, 80
Decimal	12564304
CIELab	73.23, -10.35, 52.25
CIELCh	73, 53.267, 101.207
Yxy	45.5225, 0.4000, 0.4568
Android (android.graphics.Color)	4290754384 (0xFFBFB750)
YUV	173.6500, -46.1694, 15.2160
Hunter-Lab	67.4704, -12.6000, 34.6851

# Details

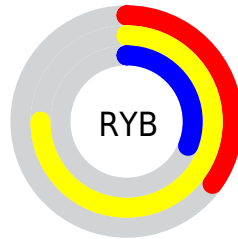
The Hex color **BFB750** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5058BF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F9EF85**, and **87821A** is the 20% darker color. If you saturate the color by 10%, you get **BFB63D**, and if you desaturate by 10%, it is **BFB863**.

# Distribution



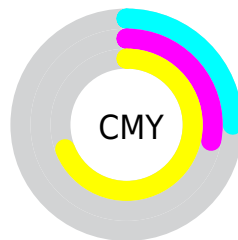
- Red (75%)
- Green (72%)
- Blue (31%)



- Red (35%)
- Yellow (75%)
- Blue (31%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFB750 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 BFB750 by changing the saturation by 10% instead.



 BFB750

 BFB750

FFFFFF

 A39C36

 F9EF85

 87821A

 FFFFA0

 6C6900

 FFFFBC

 525100

 FFFFD8

 383B00

 FFFFF5

 1F2500

 001200

 000000

 BFB750

 BFB750

 BFB63D

 BFB863

 BFB42A

 BFBA76

 BFB317

 BFBB89

 BFB104

 BFBD9C

 BFB100

 BFBEB0

 BFBFC3

 BFC1D6

 BFC2E9

 BFC3FC

# Harmonies

## Analogous

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



EAA656



BFB750



8AC368

# Triad

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



BFB750



00CAF3



FE8FD4

# Complementary

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



BFB750



5058BF

# 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.



CFA0FE



BFB750



00C2FF

# Square

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



BFB750



00CDC5



82B3FF



FF8BA3

# Rectangle

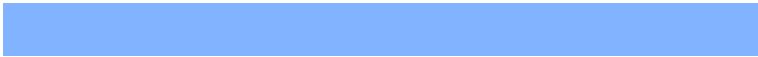
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFB750



5DC983



82B3FF



F294E4



# Sweetspot

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



BFB750



F7F4CD



BF5059



7D7B64



FCFCFC



7D7D7D



# Same Dimension

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



BFB750



F7EB4A



91BF50



5E5E55



9E9300



1F1C00



# Inverse Universe

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



5058BF



4A57F7



7E50BF



55565E



000B9E



00021F



# Previews

## White Background



This preview shows how the Hex color BFB750 looks on a white background.

## Color Contrast Check

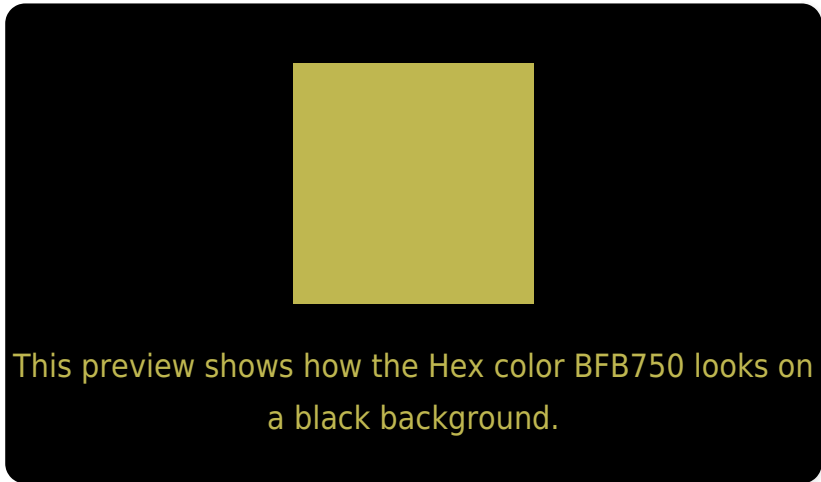
Large Text (above 18pt) WCAG AA × Fail

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 BFB750 Background



This preview shows how black text looks on a background with the Hex color BFB750.



This preview shows how white text looks on a background with the Hex color BFB750.

# 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**  
BFB750

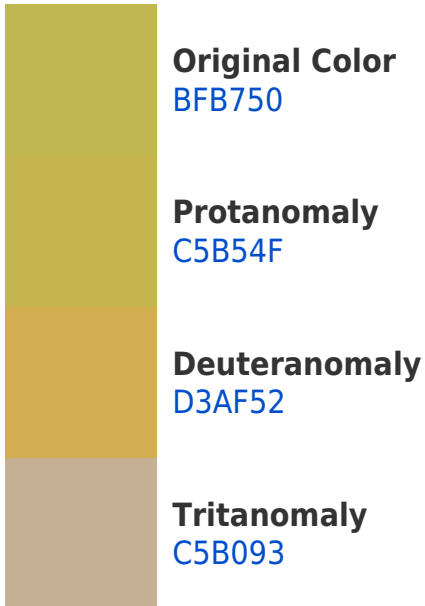
**Protanopia**  
C8B44F

**Deuteranopia**  
DEAB53



**Tritanopia**  
C9ACB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFB750 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 #BFB750 looks like.

```
.text, #text, p{  
    color:#BFB750  
}
```

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 #BFB750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB750
}
```

## Border

The CSS property to change the border of an element to Hex BFB750 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
#BFB750 }
```

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

```
.border{ border-color:#BFB750 }
```

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

Here you see how a box with a 4 pixel #BFB750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB750; -webkit-box-shadow:4px 4px  
4px 4px #BFB750; box-shadow:4px 4px 4px  
4px #BFB750 }
```

# Background

The CSS property to change the background color of an element to Hex BFB750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB750 }
```

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

```
.background{ background-color:#BFB750 }
```

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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