

Converting Colors

Hex(BFB03B)

Have a look what the booklet for
Hex(BFB03B) contains.

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Color

Hex(BFB03B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFB03B |
| RGB | 191, 176, 59 |
| RGB Percent | 75%, 69%, 23% |
| CMY | 0.2510, 0.3098, 0.7686 |
| CMYK | 0.00, 0.08, 0.69, 0.25 |
| HSL | 53°, 53%, 49% |
| HSV | 53°, 69%, 75% |
| XYZ | 37.8006, 42.4428, 10.3376 |
| YIQ | 167.1470, 46.4970, -33.2070 |

Conversions

Conversions Part 2

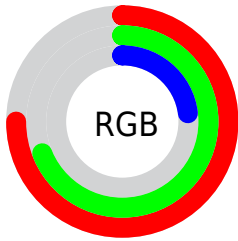
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 191, 59 |
| Decimal | 12562491 |
| CIELab | 71.18, -8.06, 59.06 |
| CIElCh | 71, 59.609, 97.769 |
| Yxy | 42.4428, 0.4173, 0.4686 |
| Android (android.graphics.Color) | 4290752571 (0xFFBFB03B) |
| YUV | 167.1470, -53.3165, 20.9191 |
| Hunter-Lab | 65.1481, -10.4390, 36.1956 |

Details

The Hex color **BFB03B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3B4ABF**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FAE771**, and **867C00** is the 20% darker color. If you saturate the color by 10%, you get **BFAE28**, and if you desaturate by 10%, it is **BFB24E**.

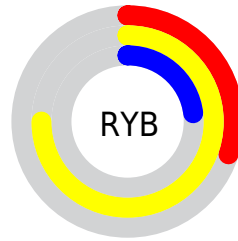
Distribution



Red (75%)

Green (69%)

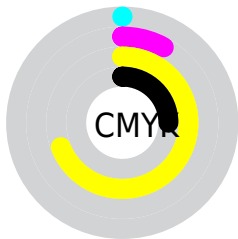
Blue (23%)



Red (30%)

Yellow (75%)

Blue (23%)

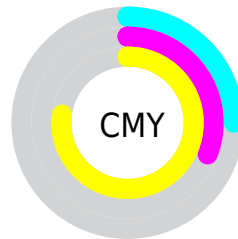


Cyan (0%)

Magenta (8%)

Yellow (69%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFB03B 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 BFB03B by changing the saturation by 10% instead.

 BFB03B

 BFB03B

FFFFFF

 A2951E

 FAE771

 867C00

 FFFF8C

 6B6300

 FFFFA8

 504B00

 FFFFC4

 363500

 FFFFEO

 1D2000

FFFFFFE

 000800

 000000

 BFB03B

 BFB03B

 BFAE28

 BFB24E

 BFAC15

 BFB461

 BFA902

 BFB774

 BFA900

 BFB987

 BFBB9B

 BFBDAE

 BFBFC1

 BFC1D4

 BFC4E7

Harmonies

Analogous

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



ED9D48



BFB03B



85BE54

Triad

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



BFB03B



00C7EF



FB85D9

Complementary

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



BFB03B



3B4ABF

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.



C49AFF



BFB03B



00BFFF

Square

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



BFB03B



00C9BB



60B0FF



FF7DA2

Rectangle

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



BFB03B



51C472



60B0FF



ED8BE9

Sweetspot

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



BFB03B



F7F1C3



BF3B4A



7D795E



FCFCFC



7D7D7D

Same Dimension

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



BFB03B



F7E02A



8CBF3B



5E5D55



9E8C00



1F1B00

Inverse Universe

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



3B4ABF



2A41F7



6E3BBF



55565E



00129E



00031F

Previews

White Background



This preview shows how the Hex color BFB03B looks on a white background.

Color Contrast Check

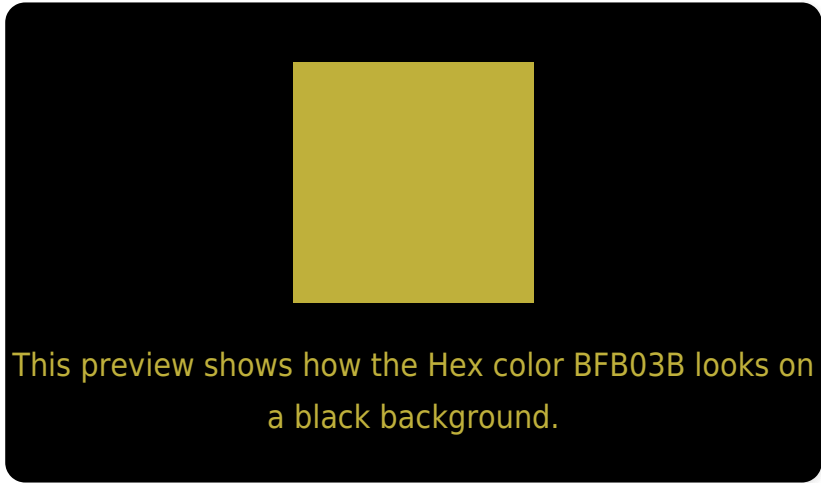
Large Text (above 18pt) WCAG AA × Fail

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 BFB03B Background



This preview shows how black text looks on a background with the Hex color BFB03B.



This preview shows how white text looks on a background with the Hex color BFB03B.

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
BFB03B

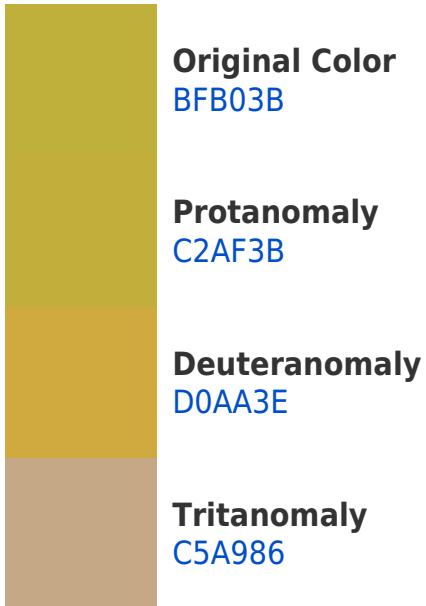
Protanopia
C3AF3B

Deuteranopia
DAA63F



Tritanopia
C9A5B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFB03B 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 #BFB03B looks like.

```
.text, #text, p{  
    color:#BFB03B  
}
```

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 #BFB03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFB03B  
}
```

Border

The CSS property to change the border of an element to Hex BFB03B 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  
#BFB03B }
```

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

```
.border{ border-color:#BFB03B }
```

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

Here you see how a box with a 4 pixel #BFB03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFB03B; -webkit-box-shadow:4px 4px  
4px 4px #BFB03B; box-shadow:4px 4px 4px  
4px #BFB03B }
```

Background

The CSS property to change the background color of an element to Hex BFB03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFB03B }
```

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

```
.background{ background-color:#BFB03B }
```

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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