

Converting Colors

Hex(BFCF51)

Have a look what the booklet for
Hex(BFCF51) contains.

| | |
|--|----|
| Hex(BFCF51) | 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(BFCF51)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BFCF51 |
| RGB | 191, 207, 81 |
| RGB Percent | 75%, 81%, 32% |
| CMY | 0.2510, 0.1882, 0.6824 |
| CMYK | 0.08, 0.00, 0.61, 0.19 |
| HSL | 68°, 57%, 56% |
| HSV | 68°, 61%, 81% |
| XYZ | 45.2839, 56.2961, 16.2641 |
| YIQ | 187.8520, 30.9100, -42.5780 |

Conversions

Conversions Part 2

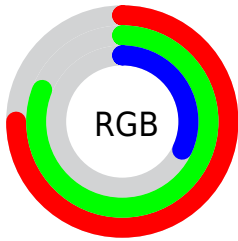
| Format | Color |
|-------------------------------------|--|
| RYB | 81, 207, 97 |
| Decimal | 12570449 |
| CIELab | 79.78, -22.34, 59.02 |
| CIELCh | 80, 63.110, 110.729 |
| Yxy | 56.2961, 0.3843, 0.4777 |
| Android (android.graphics.Color) | 4290760529 (0xFFBFCF51) |
| YUV | 187.8520, -52.6780, 2.7608 |
| Hunter-Lab | 75.0307, -23.5723, 39.6695 |

Details

The Hex color **BFCF51** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **6151CF**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FAFF87**, and **879916** is the 20% darker color. If you saturate the color by 10%, you get **BCCF3C**, and if you desaturate by 10%, it is **C2CF66**.

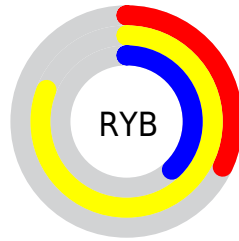
Distribution



Red (75%)

Green (81%)

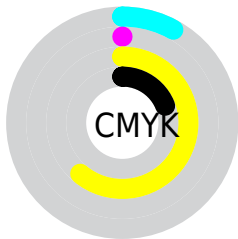
Blue (32%)



Red (32%)

Yellow (81%)

Blue (38%)

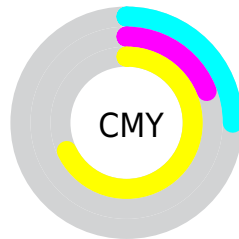


Cyan (8%)

Magenta (0%)

Yellow (61%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFCF51 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 BFCF51 by changing the saturation by 10% instead.



BFCF51



BFCF51

FFFFFF



A3B436



FAFF87



879916



FFFFA3



6B7F00



FFFFBF



516600



FFFFDC



374E00



FFFFF9



1C3700



002200



000000



BFCF51



BFCF51

 BCCF3C

 C2CF66

 BACF28

 C4CF7A

 B7CF13

 C7CF8F

 B5CF00

 CACFA4

 CCCFB9

 CFCFCD

 D1CFE2

 D4CFF7

 D7CFFF

Harmonies

Analogous

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



F7BC4D



BFCF51



79DB78

Triad

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



BFCF51



00DEFF



FF94DB

Complementary

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



BFCF51



6151CF

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.



FCA6FF



BFCF51



00D2FF

Square

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



BFCF51



00E3EE



AABEFF



FF959F

Rectangle

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



BFCF51



23E09D



AABEFF



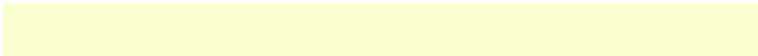
FF98EE

Sweetspot

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



BFCF51



F9FFD1



CF6051



7C8063



000000



808080

Same Dimension

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



BFCF51



E7FF45



81CF51



67695E



93A800



242900

Inverse Universe

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



6151CF



5C45FF



9F51CF



5F5E69



1500A8



050029

Previews

White Background



This preview shows how the Hex color BFCF51 looks on a white background.

Color Contrast Check

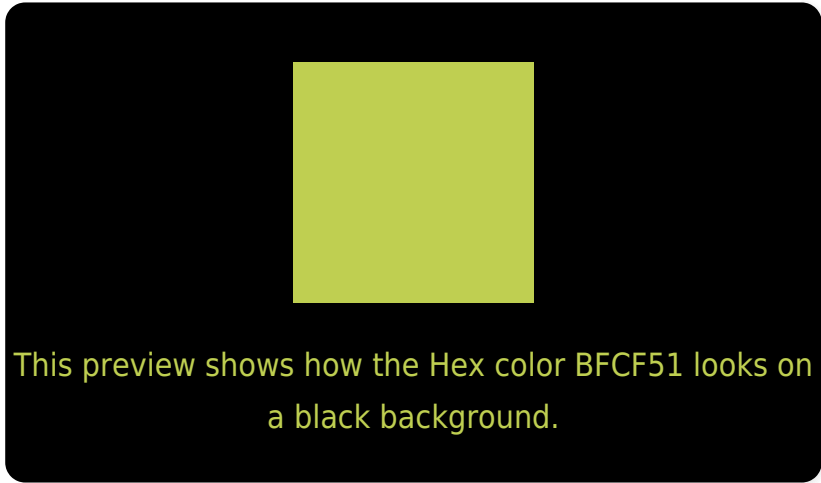
Large Text (above 18pt) WCAG AA × Fail

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 BFCF51 Background



This preview shows how black text looks on a background with the Hex color BFCF51.

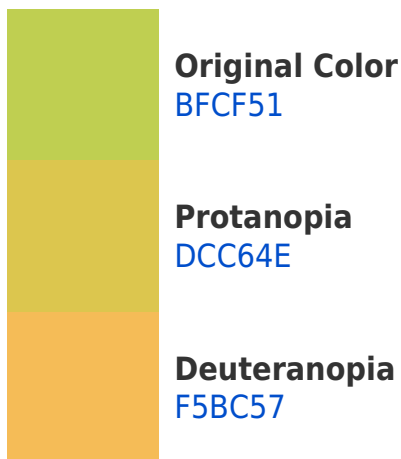


This preview shows how white text looks on a background with the Hex color BFCF51.

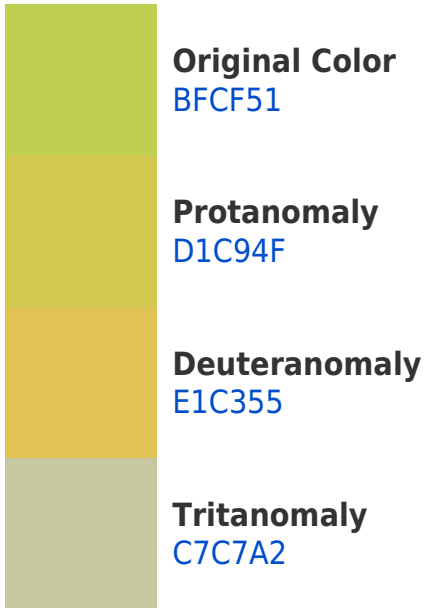
Color Blindness Simulation

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 BFCF51 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 #BFCF51 looks like.

```
.text, #text, p{  
    color:#BFCF51  
}
```

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 #BFCF51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFCF51
}
```

Border

The CSS property to change the border of an element to Hex BFCF51 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
#BFCF51 }
```

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

```
.border{ border-color:#BF5151 }
```

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

Here you see how a box with a 4 pixel #BF5151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF5151; -webkit-box-shadow:4px 4px  
4px 4px #BF5151; box-shadow:4px 4px 4px  
4px #BF5151 }
```

Background

The CSS property to change the background color of an element to Hex BFCF51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFCF51 }
```

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

```
.background{ background-color:#BFCF51 }
```

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