

# Converting Colors

Hex(BCB53F)

Have a look what the booklet for  
Hex(BCB53F) contains.

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**Color**

**Hex(BCB53F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB53F
RGB	188, 181, 63
RGB Percent	74%, 71%, 25%
CMY	0.2627, 0.2902, 0.7529
CMYK	0.00, 0.04, 0.66, 0.26
HSL	57°, 50%, 49%
HSV	57°, 66%, 74%
XYZ	38.1601, 44.0980, 11.2031
YIQ	169.6410, 42.0500, -35.2140

# Conversions

## Conversions Part 2

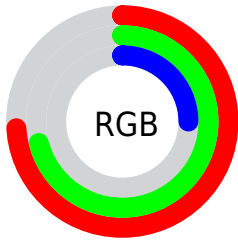
Format	Color
<a href="#">RYB</a>	<a href="#">70, 188, 63</a>
Decimal	<a href="#">12367167</a>
CIELab	<a href="#">72.29, -11.72, 58.51</a>
CIELCh	<a href="#">72, 59.675, 101.325</a>
Yxy	<a href="#">44.0980, 0.4083, 0.4718</a>
Android (android.graphics.Color)	<a href="#">4290557247 (0xFFBCB53F)</a>
YUV	<a href="#">169.6410, -52.5740, 16.1008</a>
Hunter-Lab	<a href="#">66.4063, -13.6368, 36.4819</a>

# Details

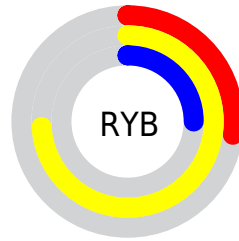
The Hex color **BCB53F** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **3F46BC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F7ED75**, and **838000** is the 20% darker color. If you saturate the color by 10%, you get **BCB42C**, and if you desaturate by 10%, it is **BCB652**.

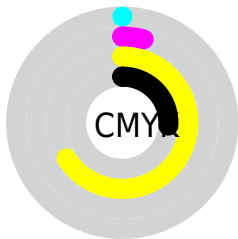
# Distribution



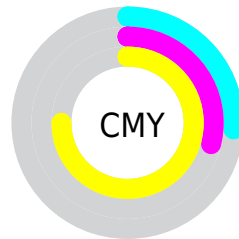
- Red (74%)
- Green (71%)
- Blue (25%)



- Red (27%)
- Yellow (74%)
- Blue (25%)



- Cyan (0%)
- Magenta (4%)
- Yellow (66%)
- Black (26%)



- Cyan (26%)
- Magenta (29%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB53F 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 BCB53F by changing the saturation by 10% instead.



 BCB53F

 BCB53F

FFFFFF

 9F9A22

 F7ED75

 838000

 FFFF90

 686800

 FFFFAC

 4E5000

 FFFFC8

 333900

 FFFF E5

 1B2400

 000F00

 000000

 BCB53F

 BCB53F

 BCB42C

 BCB652

 BCB319

 BCB765

 BCB207

 BCB877

 BCB100

 BCB98A

 BCBA9D

 BCBBB0

 BCBCC3

 BCBDD5

 BCBEE8

# Harmonies

## Analogous

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



ECA247



BCB53F



80C25B

# Triad

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



BCB53F



00CAF8



FF86D6

# Complementary

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



BCB53F



3F46BC

# 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.



D09AFF



BCB53F



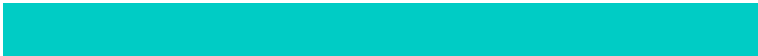
00C1FF

# Square

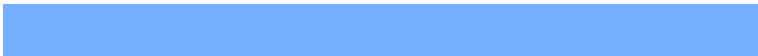
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BCB53F



00CCC5



74B0FF



FF819F

# Rectangle

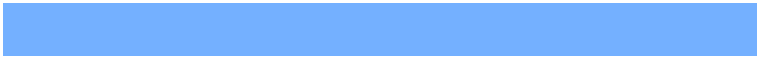
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB53F



48C87B



74B0FF



F68CE7



# Sweetspot

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



BCB53F



F5F2C4



BC3F47



7A795D



FAFAFA



7A7A7A



# Same Dimension

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



BCB53F



F5EA31



86BC3F



5E5E55



9E9500



1F1D00



# Inverse Universe

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



3F46BC



313CF5



753FBC



55555E



00099E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB53F looks on a white background.

## Color Contrast Check

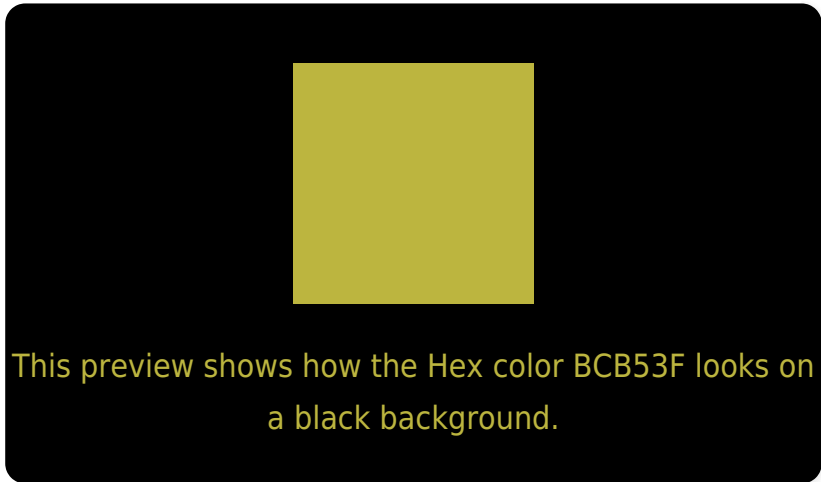
Large Text (above 18pt) WCAG AA × Fail

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 BCB53F Background



This preview shows how black text looks on a background with the Hex color BCB53F.



This preview shows how white text looks on a background with the Hex color BCB53F.

# 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**  
BCB53F

**Protanopia**  
C6B23E

**Deuteranopia**  
DDA843



**Tritanopia**  
C7A9B7

# Trichromacy



**Original Color**  
BCB53F

**Protanomaly**  
C2B33E

**Deuteranomaly**  
D1AD42

**Tritanomaly**  
C3AD8B

# Monochromacy



**Original Color**  
BCB53F

**Achromatopsia**  
AAAAAA

**Achromatomaly**  
B1AE83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB53F 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 #BCB53F looks like.

```
.text, #text, p{  
    color:#BCB53F  
}
```

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 #BCB53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB53F
}
```

## Border

The CSS property to change the border of an element to Hex BCB53F 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
#BCB53F }
```

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

```
.border{ border-color:#BCB53F }
```

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

Here you see how a box with a 4 pixel #BCB53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB53F; -webkit-box-shadow:4px 4px  
4px 4px #BCB53F; box-shadow:4px 4px 4px  
4px #BCB53F }
```

# Background

The CSS property to change the background color of an element to Hex BCB53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB53F }
```

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

```
.background{ background-color:#BCB53F }
```

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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