

# Converting Colors

Hex(BCB23F)

Have a look what the booklet for  
Hex(BCB23F) contains.

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**Color**

**Hex(BCB23F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCB23F
RGB	188, 178, 63
RGB Percent	74%, 70%, 25%
CMY	0.2627, 0.3020, 0.7529
CMYK	0.00, 0.05, 0.66, 0.26
HSL	55°, 50%, 49%
HSV	55°, 66%, 74%
XYZ	37.5566, 42.8910, 11.0020
YIQ	167.8800, 42.8750, -33.6450

# Conversions

## Conversions Part 2

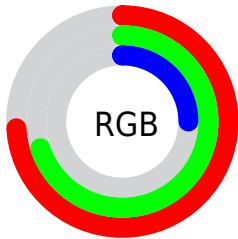
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 188, 63
Decimal	12366399
CIELab	71.48, -10.17, 57.68
CIELCh	71, 58.565, 99.999
Yxy	42.8910, 0.4107, 0.4690
Android (android.graphics.Color)	4290556479 (0xFFBCB23F)
YUV	167.8800, -51.7058, 17.6452
Hunter-Lab	65.4912, -12.2470, 35.8837

# Details

The Hex color **BCB23F** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **3F49BC**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F7E974**, and **837E00** is the 20% darker color. If you saturate the color by 10%, you get **BCB02C**, and if you desaturate by 10%, it is **BCB452**.

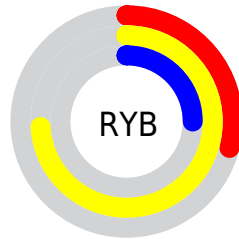
# Distribution



Red (74%)

Green (70%)

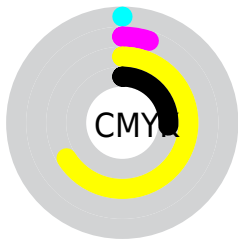
Blue (25%)



Red (29%)

Yellow (74%)

Blue (25%)

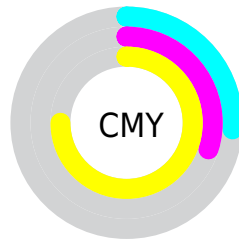


Cyan (0%)

Magenta (5%)

Yellow (66%)

Black (26%)



Cyan (26%)

Magenta (30%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCB23F 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 BCB23F by changing the saturation by 10% instead.





BCB23F



BCB23F

FFFFFF



9F9723



F7E974



837E00



FFFF90



686500



FFFFAB



4E4D00



FFFFC7



333700



FFFFE4



1B2100



000A00



000000



BCB23F



BCB23F

 BCB02C

 BCB452

 BCAF19

 BCB565

 BCAD07

 BCB777

 BCAD00

 BCB88A

 BCBA9D

 BCBBB0

 BCBDC3

 BCBED5

 BCC0E8

# Harmonies

## Analogous

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



EA9F48



BCB23F



82BF59

# Triad

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



BCB23F



00C7F2



FE86D5

# Complementary

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



BCB23F



3F49BC

# 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.



CA9AFF



BCB23F



00BFFF

# Square

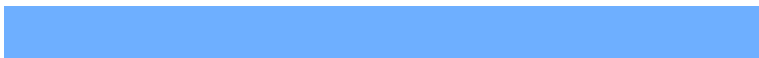
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BCB23F



00CAC0



6EAFFF



FF809F

# Rectangle

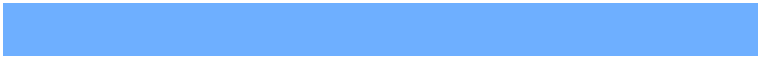
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCB23F



4EC577



6EAFFF



F08CE5



# Sweetspot

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



BCB23F



F5F1C4



BC3F49



7A785D



FAFAFA



7A7A7A



# Same Dimension

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



BCB23F



F5E531



88BC3F



5E5E55



9E9100



1F1C00



# Inverse Universe

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



3F49BC



3141F5



733FBC



55565E



000D9E



00021F



# Previews

## White Background



This preview shows how the Hex color BCB23F looks on a white background.

## Color Contrast Check

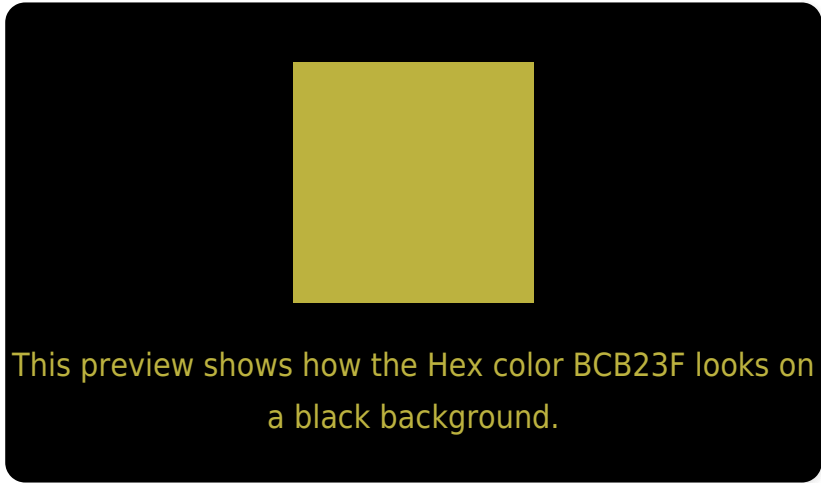
Large Text (above 18pt) WCAG AA × Fail

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 BCB23F Background



This preview shows how black text looks on a background with the Hex color BCB23F.



This preview shows how white text looks on a background with the Hex color BCB23F.

# 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**  
BCB23F

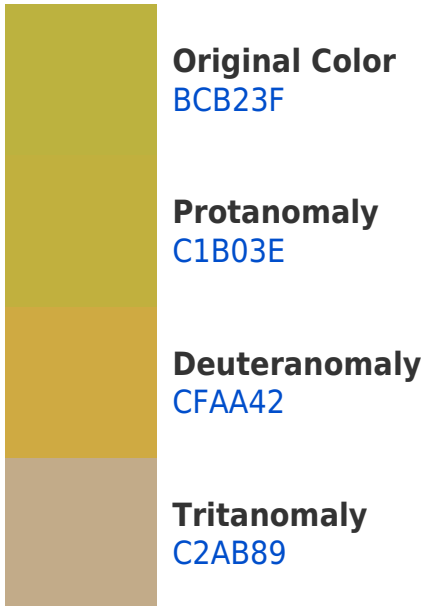
**Protanopia**  
C4AF3E

**Deuteranopia**  
DAA643

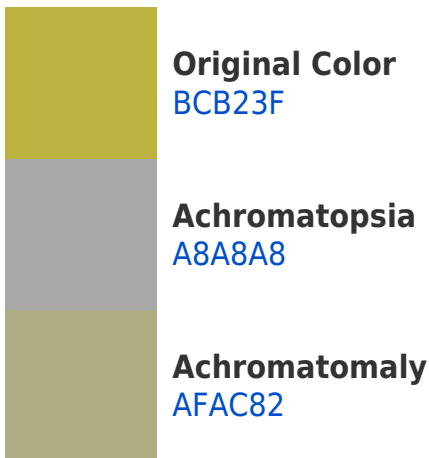


**Tritanopia**  
C6A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCB23F 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 #BCB23F looks like.

```
.text, #text, p{  
    color:#BCB23F  
}
```

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 #BCB23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCB23F
}
```

## Border

The CSS property to change the border of an element to Hex BCB23F 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
#BCB23F }
```

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

```
.border{ border-color:#BCB23F }
```

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

Here you see how a box with a 4 pixel #BCB23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCB23F; -webkit-box-shadow:4px 4px  
4px 4px #BCB23F; box-shadow:4px 4px 4px  
4px #BCB23F }
```

# Background

The CSS property to change the background color of an element to Hex BCB23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCB23F }
```

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

```
.background{ background-color:#BCB23F }
```

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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