

Converting Colors

Hex(BCBB36)

Have a look what the booklet for
Hex(BCBB36) contains.

Hex(BCBB36)	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(BCBB36)

Conversions

Conversions Part 1

Format	Color
Hex	BCBB36
RGB	188, 187, 54
RGB Percent	74%, 73%, 21%
CMY	0.2627, 0.2667, 0.7882
CMYK	0.00, 0.01, 0.71, 0.26
HSL	60°, 55%, 47%
HSV	60°, 71%, 74%
XYZ	39.1752, 46.4984, 10.4004
YIQ	172.1370, 43.2890, -41.1510

Conversions

Conversions Part 2

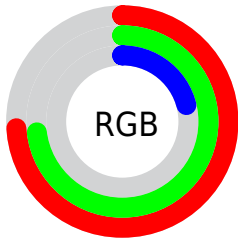
Format	Color
RYB	55, 188, 54
Decimal	12368694
CIELab	73.87, -15.26, 63.52
CIELCh	74, 65.328, 103.508
Yxy	46.4984, 0.4078, 0.4840
Android (android.graphics.Color)	4290558774 (0xFFBCBB36)
YUV	172.1370, -58.2415, 13.9119
Hunter-Lab	68.1897, -16.7831, 38.6898

Details

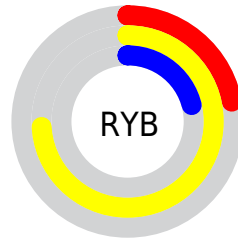
The Hex color **BCBB36** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **3637BC**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **F7F36E**, and **838600** is the 20% darker color. If you saturate the color by 10%, you get **BCBB23**, and if you desaturate by 10%, it is **BCBB49**.

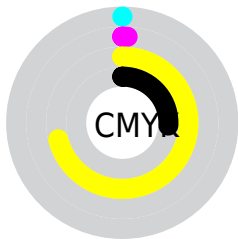
Distribution



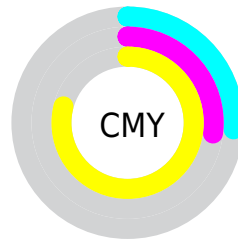
- Red (74%)
- Green (73%)
- Blue (21%)



- Red (22%)
- Yellow (74%)
- Blue (21%)



- Cyan (0%)
- Magenta (1%)
- Yellow (71%)
- Black (26%)



- Cyan (26%)
- Magenta (27%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCBB36 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 BCBB36 by changing the saturation by 10% instead.

 BCBB36

 BCBB36

FFFFFF

 9FA014

 F7F36E

 838600

 FFFF89

 686D00

 FFFFA5

 4D5500

 FFFF80

 323E00

 FFFFDE

 192800

 FFFFFB

 001500

 000000

 BCBB36

 BCBB36

 BCBB23

 BCBB49

 BCBB10

 BCBB5C

 BCBB00

 BCBB6E

 BCBC81

 BCBC94

 BCBCA7

 BCBCBA

 BCBCCC

 BCBCDF

Harmonies

Analogous

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



F1A73D



BCBB36



79C95A

Triad

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



BCBB36



00D0FF



FF84D9

Complementary

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



BCBB36



3637BC

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.



DC9AFF



BCBB36



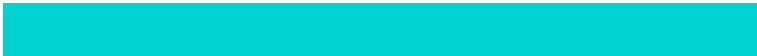
00C5FF

Square

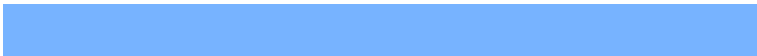
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BCBB36



00D3D0



77B3FF



FF7F9D

Rectangle

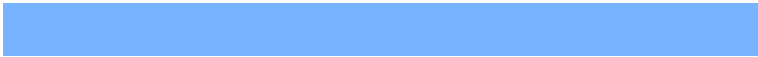
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCBB36



2DCF7D



77B3FF



FF8AEC

Sweetspot

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



BCBB36



F5F4C1



BC3638



7A7A5C



FAFAFA



7A7A7A

Same Dimension

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



BCBB36



F5F322



7BBC36



5E5E55



9E9D00



1F1E00

Inverse Universe

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



3637BC



2224F5



7736BC



5555E



00019E



00001F

Previews

White Background



This preview shows how the Hex color BCBB36 looks on a white background.

Color Contrast Check

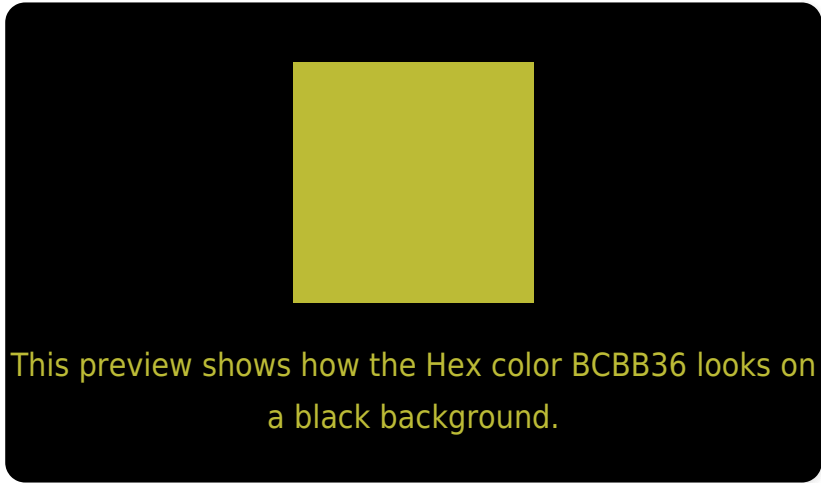
Large Text (above 18pt) WCAG AA × Fail

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 BCBB36 Background



This preview shows how black text looks on a background with the Hex color BCBB36.



This preview shows how white text looks on a background with the Hex color BCBB36.

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](#).

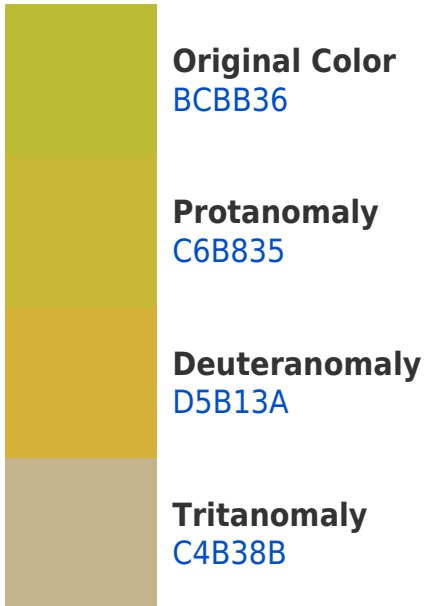
Dichromacy



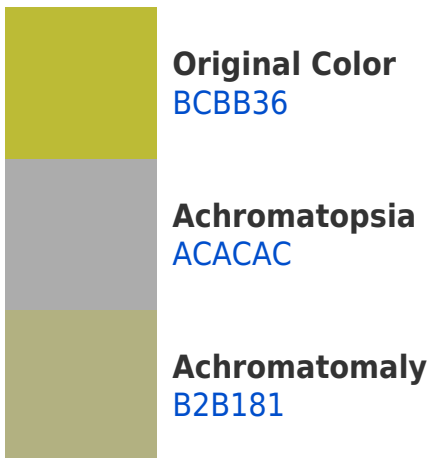


Tritanopia
C8AFBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BCBB36 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 #BCBB36 looks like.

```
.text, #text, p{  
    color:#BCBB36  
}
```

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 #BCBB36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCBB36
}
```

Border

The CSS property to change the border of an element to Hex BCBB36 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
#BCBB36 }
```

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

```
.border{ border-color:#BCBB36 }
```

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

Here you see how a box with a 4 pixel #BCBB36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCBB36; -webkit-box-shadow:4px 4px  
4px 4px #BCBB36; box-shadow:4px 4px 4px  
4px #BCBB36 }
```

Background

The CSS property to change the background color of an element to Hex BCBB36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCBB36 }
```

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

```
.background{ background-color:#BCBB36 }
```

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