

Converting Colors

Hex(BBB34D)

Have a look what the booklet for
Hex(BBB34D) contains.

Hex(BBB34D)	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(BBB34D)

Conversions

Conversions Part 1

Format	Color
Hex	BBB34D
RGB	187, 179, 77
RGB Percent	73%, 70%, 30%
CMY	0.2667, 0.2980, 0.6980
CMYK	0.00, 0.04, 0.59, 0.27
HSL	56°, 45%, 52%
HSV	56°, 59%, 73%
XYZ	37.9532, 43.3408, 13.3864
YIQ	169.7640, 37.5100, -30.0260

Conversions

Conversions Part 2

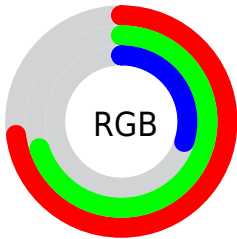
Format	Color
RYB	86, 187, 77
Decimal	12301133
CIELab	71.79, -10.20, 51.91
CIELCh	72, 52.898, 101.113
Yxy	43.3408, 0.4009, 0.4578
Android (android.graphics.Color)	4290491213 (0xFFBBB34D)
YUV	169.7640, -45.7327, 15.1160
Hunter-Lab	65.8337, -12.3037, 34.0278

Details

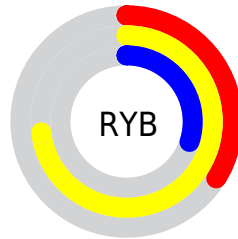
The Hex color **BBB34D** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **4D55BB**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **F5EB82**, and **837F16** is the 20% darker color. If you saturate the color by 10%, you get **BBB23A**, and if you desaturate by 10%, it is **BBB460**.

Distribution



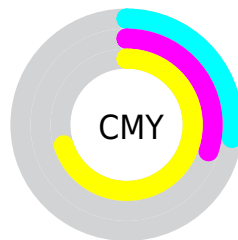
- Red (73%)
- Green (70%)
- Blue (30%)



- Red (34%)
- Yellow (73%)
- Blue (30%)



- Cyan (0%)
- Magenta (4%)
- Yellow (59%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB34D 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 BBB34D by changing the saturation by 10% instead.



BBB34D



BBB34D

FFFFFF



9F9833



F5EB82



837F16



FFFF9D



686600



FFFFB8



4E4E00



FFFFD5



343700



FFFFF2



1C2200



000C00



000000



BBB34D



BBB34D

 BBB23A

 BBB460

 BBB028

 BBB672

 BBAF15

 BBB785

 BBAE02

 BBB898

 BBAD00

 BBBAAB

 BBBBBD

 BBBDD0

 BBEE3

 BBBFF5

Harmonies

Analogous

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



E6A253



BBB34D



86BF64

Triad

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



BBB34D



00C6EE



F98CD0

Complementary

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



BBB34D



4D55BB

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.



CB9CF9



BBB34D



00BDFE

Square

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



BBB34D



00C8C1



7EAFFF



FF87A0

Rectangle

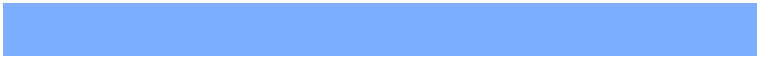
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBB34D



59C47F



7EAFFF



ED90DF

Sweetspot

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



BBB34D



F2EFC7



BB4D56



7A785F



FAFAFA



7A7A7A

Same Dimension

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



BBB34D



F2E646



8DBB4D



5E5E55



9E9300



1F1C00

Inverse Universe

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



4D55BB



4653F2



7B4DBB



55565E



000B9E



00021F

Previews

White Background



This preview shows how the Hex color BBB34D looks on a white background.

Color Contrast Check

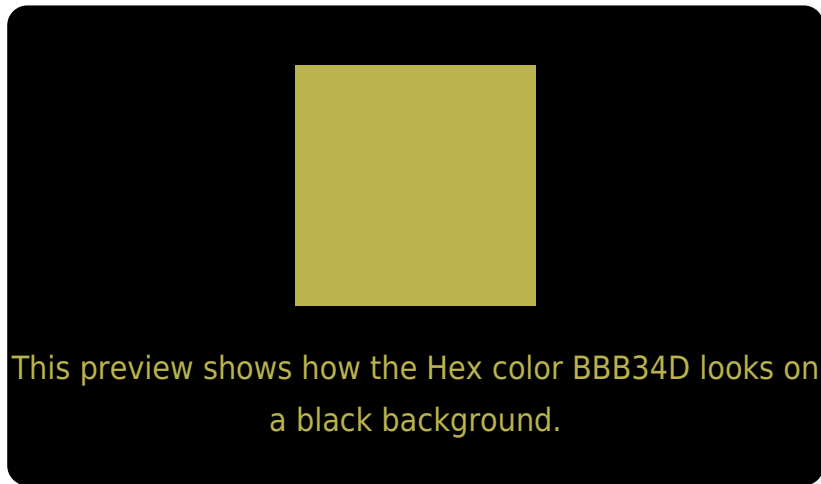
Large Text (above 18pt) WCAG AA × Fail

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 BBB34D Background



This preview shows how black text looks on a background with the Hex color BBB34D.



This preview shows how white text looks on a background with the Hex color BBB34D.

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
BBB34D

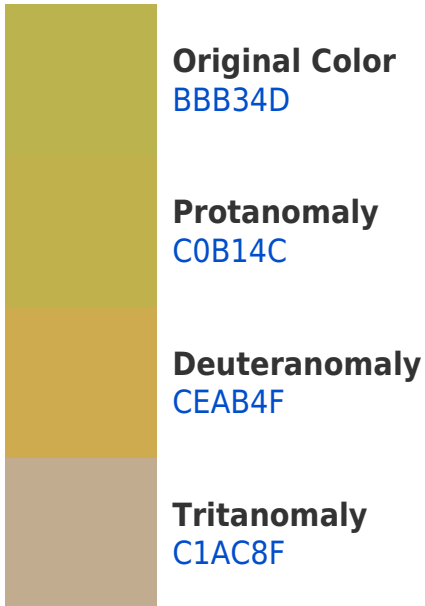
Protanopia
C3B04C

Deuteranopia
D9A750

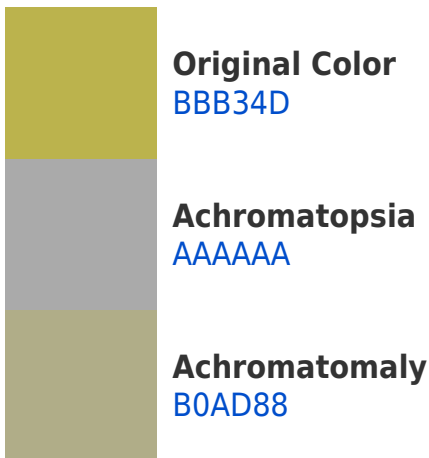


Tritanopia
C5A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBB34D 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 #BBB34D looks like.

```
.text, #text, p{  
    color:#BBB34D  
}
```

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 #BBB34D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB34D
}
```

Border

The CSS property to change the border of an element to Hex BBB34D 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
#BBB34D }
```

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

```
.border{ border-color:#BBB34D }
```

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

Here you see how a box with a 4 pixel #BBB34D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB34D; -webkit-box-shadow:4px 4px  
4px 4px #BBB34D; box-shadow:4px 4px 4px  
4px #BBB34D }
```

Background

The CSS property to change the background color of an element to Hex BBB34D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB34D }
```

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

```
.background{ background-color:#BBB34D }
```

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