

Converting Colors

Hex(BBB33D)

Have a look what the booklet for
Hex(BBB33D) contains.

Hex(BBB33D)	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(BBB33D)

Conversions

Conversions Part 1

Format	Color
Hex	BBB33D
RGB	187, 179, 61
RGB Percent	73%, 70%, 24%
CMY	0.2667, 0.2980, 0.7608
CMYK	0.00, 0.04, 0.67, 0.27
HSL	56°, 51%, 49%
HSV	56°, 67%, 73%
XYZ	37.4559, 43.1419, 10.7680
YIQ	167.9400, 42.6460, -35.0020

Conversions

Conversions Part 2

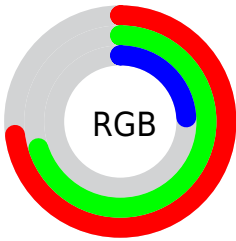
Format	Color
RYB	70, 187, 61
Decimal	12301117
CIELab	71.65, -11.23, 58.63
CIELCh	72, 59.700, 100.843
Yxy	43.1419, 0.4100, 0.4722
Android (android.graphics.Color)	4290491197 (0xFFBBB33D)
YUV	167.9400, -52.7214, 16.7156
Hunter-Lab	65.6825, -13.1535, 36.2578

Details

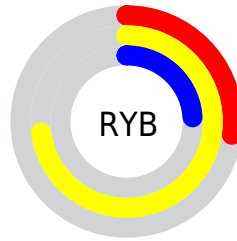
The Hex color **BBB33D** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **3D45BB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F6EB73**, and **827F00** is the 20% darker color. If you saturate the color by 10%, you get **BBB22A**, and if you desaturate by 10%, it is **BBB450**.

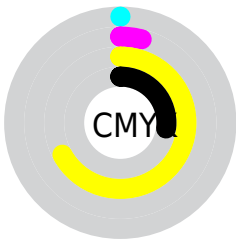
Distribution



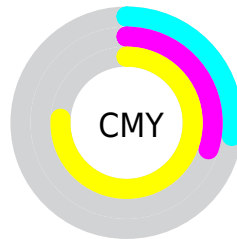
- Red (73%)
- Green (70%)
- Blue (24%)



- Red (27%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB33D 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 BBB33D by changing the saturation by 10% instead.

 BBB33D

 BBB33D

FFFFFF

 9E9820

 F6EB73

 827F00

 FFFF8E

 676600

 FFFFAA

 4D4E00

 FFFF C6

 323700

 FFFF E3

 1A2200

 000B00

 000000

 BBB33D

 BBB33D

 BBB22A

 BBB450

 BBB118

 BBB562

 BBAF05

 BBB775

 BBAF00

 BBB888

 BBB99B

 BBBAAD

 BBBBC0

 BBBCD3

 BBBEE5

Harmonies

Analogous

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



EAA046



BBB33D



80C059

Triad

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



BBB33D



00C8F5



FF85D5

Complementary

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



BBB33D



3D45BB

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.



CD99FF



BBB33D



00BFFF

Square

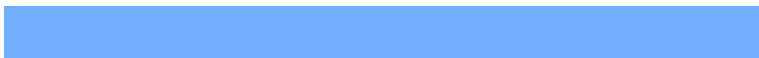
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BBB33D



00CAC2



70AFFF



FF7F9E

Rectangle

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



BBB33D



48C678



70AFFF



F38BE6

Sweetspot

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



BBB33D



F2EFC2



BB3D45



7A795D



FAFAFA



7A7A7A

Same Dimension

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



BBB33D



F2E62E



84BB3D



5E5E55



9E9400



1F1D00

Inverse Universe

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



3D45BB



2E3AF2



743DBB



55565E



000A9E



00021F

Previews

White Background



This preview shows how the Hex color BBB33D looks on a white background.

Color Contrast Check

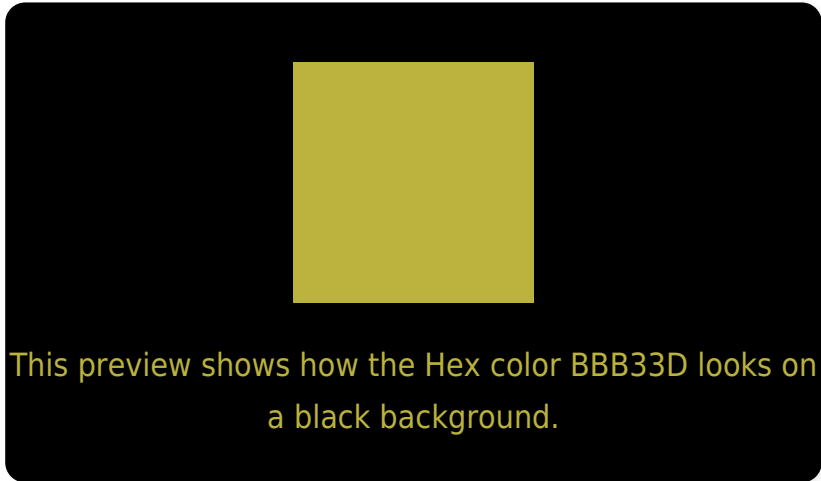
Large Text (above 18pt) WCAG AA × Fail

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 BBB33D Background



This preview shows how black text looks on a background with the Hex color BBB33D.

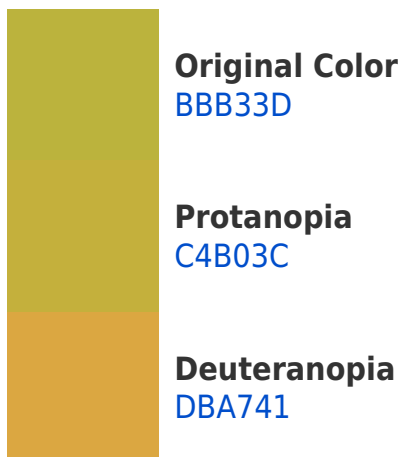


This preview shows how white text looks on a background with the Hex color BBB33D.

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](#).

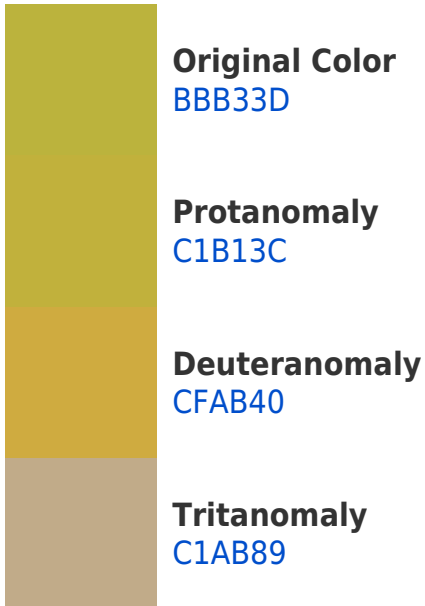
Dichromacy





Tritanopia
C5A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBB33D 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 #BBB33D looks like.

```
.text, #text, p{  
    color:#BBB33D  
}
```

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 #BBB33D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB33D
}
```

Border

The CSS property to change the border of an element to Hex BBB33D 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
#BBB33D }
```

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

```
.border{ border-color:#BBB33D }
```

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

Here you see how a box with a 4 pixel #BBB33D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB33D; -webkit-box-shadow:4px 4px  
4px 4px #BBB33D; box-shadow:4px 4px 4px  
4px #BBB33D }
```

Background

The CSS property to change the background color of an element to Hex BBB33D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB33D }
```

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

```
.background{ background-color:#BBB33D }
```

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