

Converting Colors

Hex(BBCC37)

Have a look what the booklet for
Hex(BBCC37) contains.

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Color

Hex(BBCC37)

Conversions

Conversions Part 1

Format	Color
Hex	BBCC37
RGB	187, 204, 55
RGB Percent	73%, 80%, 22%
CMY	0.2667, 0.2000, 0.7843
CMYK	0.08, 0.00, 0.73, 0.20
HSL	67°, 59%, 51%
HSV	67°, 73%, 80%
XYZ	42.7760, 54.0264, 11.7880
YIQ	181.9310, 37.6970, -49.9430

Conversions

Conversions Part 2

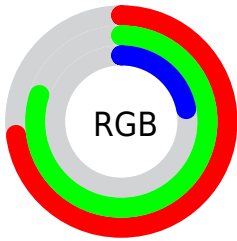
Format	Color
RYB	55, 204, 72
Decimal	12307511
CIELab	78.48, -24.06, 67.57
CIELCh	78, 71.726, 109.599
Yxy	54.0264, 0.3939, 0.4975
Android (android.graphics.Color)	4290497591 (0xFFBBCC37)
YUV	181.9310, -62.5770, 4.4455
Hunter-Lab	73.5026, -24.7488, 41.9432

Details

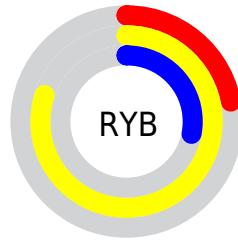
The Hex color **BBCC37** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4837CC**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **F6FF70**, and **829600** is the 20% darker color. If you saturate the color by 10%, you get **B9CC23**, and if you desaturate by 10%, it is **BDCC4B**.

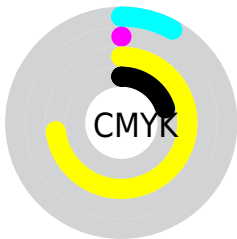
Distribution



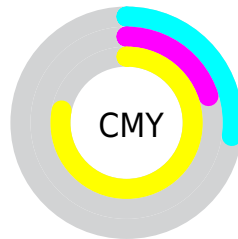
- Red (73%)
- Green (80%)
- Blue (22%)



- Red (22%)
- Yellow (80%)
- Blue (28%)



- Cyan (8%)
- Magenta (0%)
- Yellow (73%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBCC37 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 BBCC37 by changing the saturation by 10% instead.

 BBCC37

 BBCC37

FFFFFF

 9EB113

 F6FF70

 829600

 FFFF8C

 667C00

 FFFFA8

 4C6300

 FFFFC5

 304B00

 FFFFE2

 153500

 002000

 000000

 BBCC37

 BBCC37

 B9CC23

 BDCC4B

 B6CC0E

 C0CC60

 B5CC00

 C2CC74

 C4CC89

 C7CC9D

 C9CCB1

 CBCCC6

 CECCDA

 D0CCEF

Harmonies

Analogous

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



F9B734



BBCC37



6ADA67

Triad

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



BBCC37



00DDFF



FF87DC

Complementary

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



BBCC37



4837CC

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.



FC9DFF



BBCC37



00D0FF

Square

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



BBCC37



00E2ED



98BAFF



FF8699

Rectangle

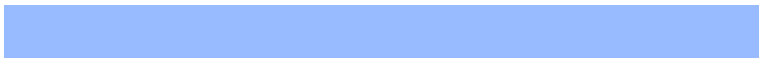
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBCC37



00DF91



98BAFF



FF8CF2

Sweetspot

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



BBCC37



F9FFC7



CC4637



7C805E



000000



808080

Same Dimension

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



BBCC37



E5FF1F



73CC37



65665C



93A600



222600

Inverse Universe

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



4837CC



381FFF



9037CC



5D5C66



1300A6



040026

Previews

White Background



This preview shows how the Hex color BBCC37 looks on a white background.

Color Contrast Check

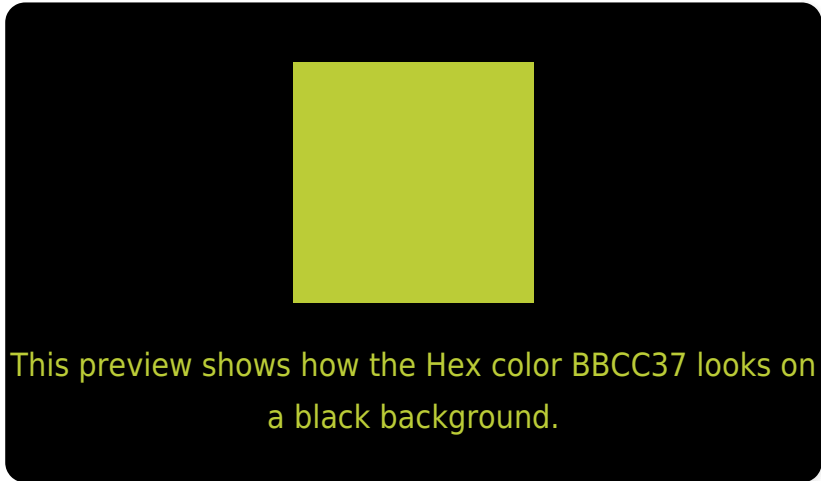
Large Text (above 18pt) WCAG AA × Fail

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 BBCC37 Background



This preview shows how black text looks on a background with the Hex color BBCC37.

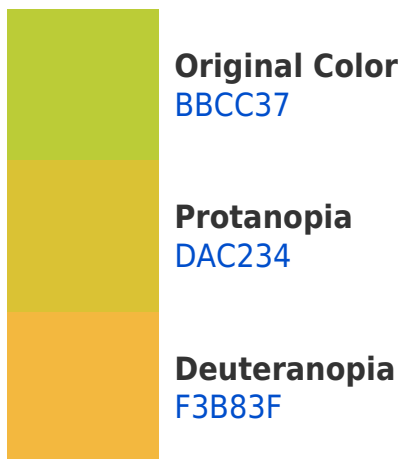


This preview shows how white text looks on a background with the Hex color BBCC37.

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](#).

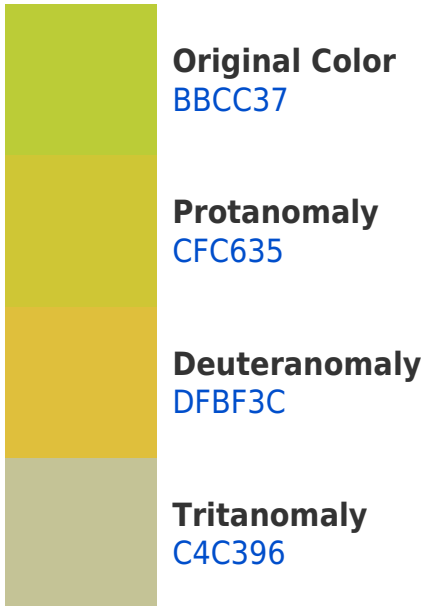
Dichromacy





Tritanopia
C9BECD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBCC37 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 #BBCC37 looks like.

```
.text, #text, p{  
    color:#BBCC37  
}
```

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 #BBCC37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBCC37
}
```

Border

The CSS property to change the border of an element to Hex BBCC37 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
#BBCC37 }
```

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

```
.border{ border-color:#BBCC37 }
```

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

Here you see how a box with a 4 pixel #BBCC37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBCC37; -webkit-box-shadow:4px 4px  
4px 4px #BBCC37; box-shadow:4px 4px 4px  
4px #BBCC37 }
```

Background

The CSS property to change the background color of an element to Hex BBCC37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBCC37 }
```

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

```
.background{ background-color:#BBCC37 }
```

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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