

Converting Colors

Hex(BBB75C)

Have a look what the booklet for
Hex(BBB75C) contains.

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Color

Hex(BBB75C)

Conversions

Conversions Part 1

Format	Color
Hex	BBB75C
RGB	187, 183, 92
RGB Percent	73%, 72%, 36%
CMY	0.2667, 0.2824, 0.6392
CMYK	0.00, 0.02, 0.51, 0.27
HSL	57°, 41%, 55%
HSV	57°, 51%, 73%
XYZ	39.3588, 45.2045, 16.7761
YIQ	173.8220, 31.5950, -27.4530

Conversions

Conversions Part 2

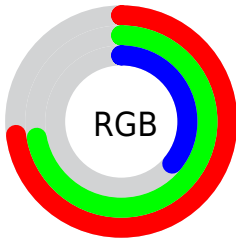
Format	Color
RYB	96, 187, 92
Decimal	12302172
CIELab	73.03, -11.05, 46.27
CIELCh	73, 47.576, 103.434
Yxy	45.2045, 0.3884, 0.4461
Android (android.graphics.Color)	4290492252 (0xFFBBB75C)
YUV	173.8220, -40.3382, 11.5571
Hunter-Lab	67.2343, -13.1665, 32.2701

Details

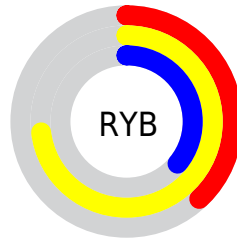
The Hex color **BBB75C** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5C60BB**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **F5EF90**, and **848229** is the 20% darker color. If you saturate the color by 10%, you get **BBB649**, and if you desaturate by 10%, it is **BBB86F**.

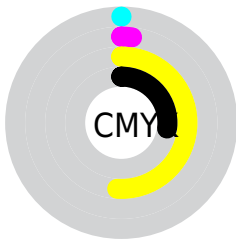
Distribution



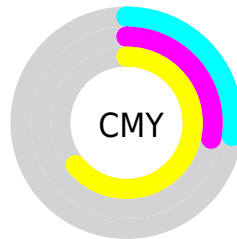
- Red (73%)
- Green (72%)
- Blue (36%)



- Red (38%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (51%)
- Black (27%)



- Cyan (27%)
- Magenta (28%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB75C 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 BBB75C by changing the saturation by 10% instead.

 BBB75C

 BBB75C

FFFFFF

 9F9C43

 F5EF90

 848229

 FFFFAC

 69690C

 FFFFC8

 4F5100

 FFFFE4

 363A00

 1D2500

 001100

 000000

 BBB75C

 BBB75C

■ BBB649

■ BBB86F

■ BBB537

■ BBB981

■ BBB524

■ BBB994

■ BBB411

■ BBBA7

■ BBB300

■ BBBBBA

■ BBBCCC

■ BBBDDF

■ BBBDF2

■ BBBEFF

Harmonies

Analogous

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



E3A85F



BBB75C



8BC272

Triad

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



BBB75C



00C7EE



F893CD

Complementary

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



BBB75C



5C60BB

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.



D0A0F3



BBB75C



26BFFF

Square

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



BBB75C



00CAC6



90B1FF



FF90A1

Rectangle

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



BBB75C



64C78B



90B1FF



EE97DB

Sweetspot

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



BBB75C



F2F1CE



BB5C61



7A7964



FAFAFA



7A7A7A

Same Dimension

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



BBB75C



F2EC5E



90BB5C



5E5E55



9E9700



1F1D00

Inverse Universe

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



5C60BB



5E65F2



875CBB



55555E



00079E



00011F

Previews

White Background



This preview shows how the Hex color BBB75C looks on a white background.

Color Contrast Check

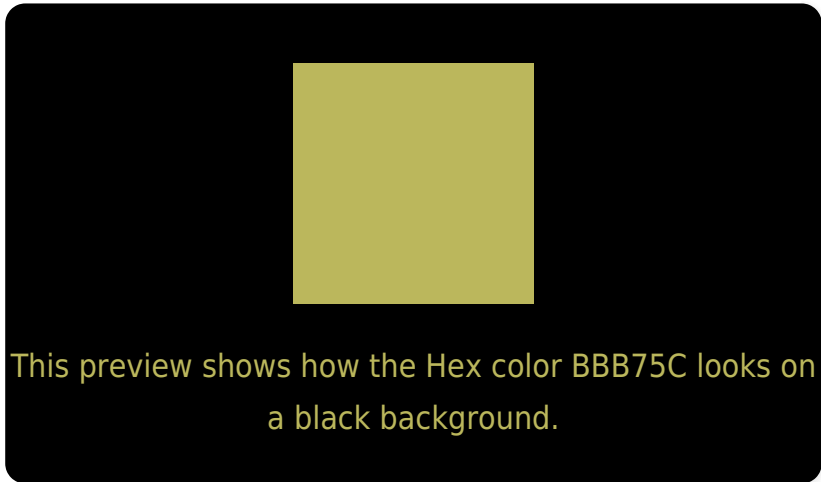
Large Text (above 18pt) WCAG AA × Fail

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 BBB75C Background



This preview shows how black text looks on a background with the Hex color BBB75C.

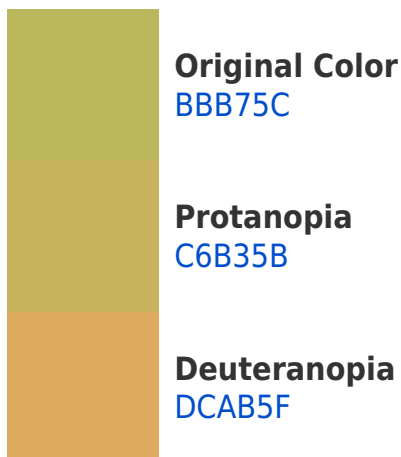



This preview shows how white text looks on a background with the Hex color BBB75C.

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
C5ADBA

Trichromacy



Original Color
BBB75C

Protanomaly
C2B45B

Deuteranomaly
D0AF5E

Tritanomaly
C1B198

Monochromacy



Original Color
BBB75C

Achromatopsia
AEAEAE

Achromatomaly
B3B190

CSS Examples

Text

The CSS property to change the color of the text to Hex BBB75C 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 #BBB75C looks like.

```
.text, #text, p{  
    color:#BBB75C  
}
```

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 #BBB75C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB75C
}
```

Border

The CSS property to change the border of an element to Hex BBB75C 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
#BBB75C }
```

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

```
.border{ border-color:#BBB75C }
```

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

Here you see how a box with a 4 pixel #BBB75C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB75C; -webkit-box-shadow:4px 4px  
4px 4px #BBB75C; box-shadow:4px 4px 4px  
4px #BBB75C }
```

Background

The CSS property to change the background color of an element to Hex BBB75C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB75C }
```

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

```
.background{ background-color:#BBB75C }
```

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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