

Converting Colors

Hex(BBB649)

Have a look what the booklet for
Hex(BBB649) contains.

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Color

Hex(BBB649)

Conversions

Conversions Part 1

Format	Color
Hex	BBB649
RGB	187, 182, 73
RGB Percent	73%, 71%, 29%
CMY	0.2667, 0.2863, 0.7137
CMYK	0.00, 0.03, 0.61, 0.27
HSL	57°, 46%, 51%
HSV	57°, 61%, 73%
XYZ	38.4241, 44.5017, 12.8679
YIQ	171.0690, 37.9690, -32.8390

Conversions

Conversions Part 2

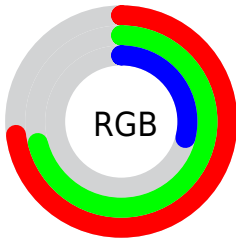
Format	Color
RYB	78, 187, 73
Decimal	12301897
CIELab	72.56, -12.03, 54.55
CIELCh	73, 55.857, 102.435
Yxy	44.5017, 0.4011, 0.4646
Android (android.graphics.Color)	4290491977 (0xFFBBB649)
YUV	171.0690, -48.3480, 13.9715
Hunter-Lab	66.7096, -13.9276, 35.2601

Details

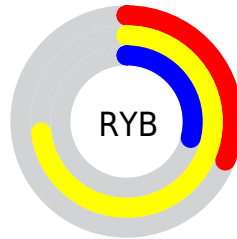
The Hex color **BBB649** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **494EBB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F5EE7E**, and **83810F** is the 20% darker color. If you saturate the color by 10%, you get **BBB536**, and if you desaturate by 10%, it is **BBB75C**.

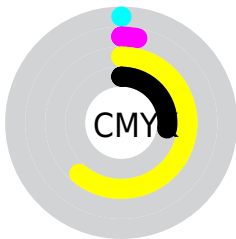
Distribution



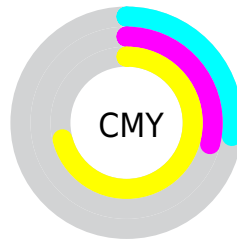
- Red (73%)
- Green (71%)
- Blue (29%)



- Red (31%)
- Yellow (73%)
- Blue (29%)



- Cyan (0%)
- Magenta (3%)
- Yellow (61%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBB649 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 BBB649 by changing the saturation by 10% instead.

 BBB649

 BBB649

FFFFFF

 9F9B2E

 F5EE7E

 83810F

 FFFF99

 686800

 FFFFB5

 4E5000

 FFFFFD1

 343A00

 FFFFFEE

 1B2400

 001000

 000000

 BBB649

 BBB649

■ BBB536

■ BBB75C

■ BBB424

■ BBB86E

■ BBB411

■ BBB881

■ BBB300

■ BBB994

■ BBBA7

■ BBBB9

■ BBCCC

■ BBDDF

■ BBBDF1

Harmonies

Analogous

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



E8A54F



BBB649



83C263

Triad

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



BBB649



00C9F6



FF8AD2

Complementary

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



BBB649



494EBB

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.



D19CFE



BBB649



00C0FF

Square

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



BBB649



00CCC6



80B0FF



FF869F

Rectangle

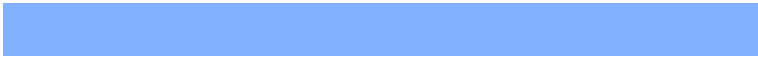
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BBB649



50C881



80B0FF



F48FE2

Sweetspot

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



BBB649



F2F0C7



BB494F



7A795F



FAFAFA



7A7A7A

Same Dimension

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



BBB649



F2EA41



88BB49



5E5E55



9E9700



1F1D00

Inverse Universe

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



494EBB



4149F2



7C49BB



55555E



00079E



00011F

Previews

White Background



This preview shows how the Hex color BBB649 looks on a white background.

Color Contrast Check

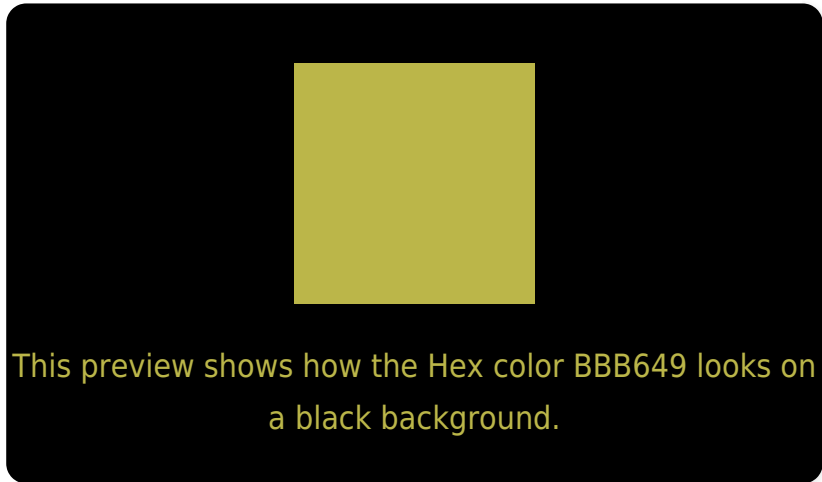
Large Text (above 18pt) WCAG AA × Fail

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 BBB649 Background



This preview shows how black text looks on a background with the Hex color BBB649.



This preview shows how white text looks on a background with the Hex color BBB649.

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
BBB649

Protanopia
C6B248

Deuteranopia
DDA94D



Tritanopia
C5ABB8

Trichromacy



Original Color
BBB649

Protanomaly
C2B348

Deuteranomaly
D1AE4C

Tritanomaly
C1AF90

Monochromacy



Original Color
BBB649

Achromatopsia
ABABAB

Achromatomaly
B1AF87

CSS Examples

Text

The CSS property to change the color of the text to Hex BBB649 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 #BBB649 looks like.

```
.text, #text, p{  
    color:#BBB649  
}
```

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 #BBB649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB649
}
```

Border

The CSS property to change the border of an element to Hex BBB649 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
#BBB649 }
```

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

```
.border{ border-color:#BBB649 }
```

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

Here you see how a box with a 4 pixel #BBB649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB649; -webkit-box-shadow:4px 4px  
4px 4px #BBB649; box-shadow:4px 4px 4px  
4px #BBB649 }
```

Background

The CSS property to change the background color of an element to Hex BBB649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB649 }
```

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

```
.background{ background-color:#BBB649 }
```

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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