

Converting Colors

Hex(BEB851)

Have a look what the booklet for
Hex(BEB851) contains.

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Color

Hex(BEB851)

Conversions

Conversions Part 1

Format	Color
Hex	BEB851
RGB	190, 184, 81
RGB Percent	75%, 72%, 32%
CMY	0.2549, 0.2784, 0.6824
CMYK	0.00, 0.03, 0.57, 0.25
HSL	57°, 46%, 53%
HSV	57°, 57%, 75%
XYZ	39.8609, 45.8222, 14.5283
YIQ	174.0520, 36.6390, -30.7610

Conversions

Conversions Part 2

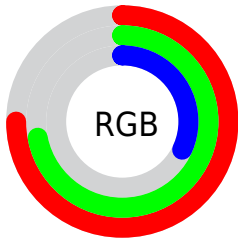
Format	Color
RYB	87, 190, 81
Decimal	12499025
CIELab	73.43, -11.21, 51.99
CIELCh	73, 53.186, 102.173
Yxy	45.8222, 0.3978, 0.4573
Android (android.graphics.Color)	4290689105 (0xFFBEB851)
YUV	174.0520, -45.8746, 13.9864
Hunter-Lab	67.6921, -13.3504, 34.6595

Details

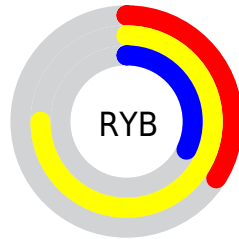
The Hex color **BEB851** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5157BE**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F8F086**, and **86831B** is the 20% darker color. If you saturate the color by 10%, you get **BEB73E**, and if you desaturate by 10%, it is **BEB964**.

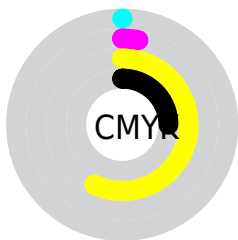
Distribution



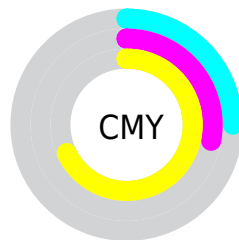
- Red (75%)
- Green (72%)
- Blue (32%)



- Red (34%)
- Yellow (75%)
- Blue (32%)



- Cyan (0%)
- Magenta (3%)
- Yellow (57%)
- Black (25%)



- Cyan (25%)
- Magenta (28%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEB851 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 BEB851 by changing the saturation by 10% instead.



BEB851



BEB851

FFFFFF



A29D37



F8F086



86831B



FFFFA1



6B6A00



FFFFBD



515200



FFFFD9



373B00



FFFFF6



1E2600



001300



000000



BEB851



BEB851

 BEB73E

 BEB964

 BEB62B

 BEBA77

 BEB518

 BEBB8A

 BEB405

 BEBC9D

 BEB400

 BEBDB0

 BEBEC3

 BEBFD6

 BEC0E9

 BEC1FC

Harmonies

Analogous

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



E9A756



BEB851



88C469

Triad

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



BEB851



00CAF5



FF8FD3

Complementary

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



BEB851



5157BE

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.



D2A0FD



BEB851



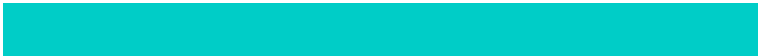
00C2FF

Square

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



BEB851



00CDC7



86B3FF



FF8BA2

Rectangle

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



BEB851



5BC985



86B3FF



F394E3

Sweetspot

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



BEB851



F7F5CD



BE5158



7D7C64



FCFCFC



7D7D7D

Same Dimension

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



BEB851



F7EE4D



8FBE51



5E5E55



9E9500



1F1D00

Inverse Universe

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



5157BE



4D56F7



8051BE



55555E



00099E



00021F

Previews

White Background



This preview shows how the Hex color BEB851 looks on a white background.

Color Contrast Check

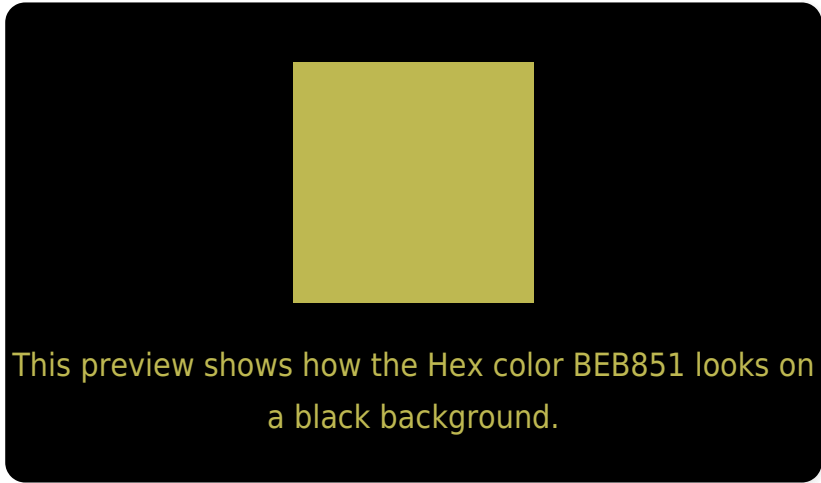
Large Text (above 18pt) WCAG AA × Fail

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 BEB851 Background



This preview shows how black text looks on a background with the Hex color BEB851.



This preview shows how white text looks on a background with the Hex color BEB851.

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
BEB851

Protanopia
C8B550

Deuteranopia
DFAC54



Tritanopia
C8ADBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEB851 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 #BEB851 looks like.

```
.text, #text, p{  
    color:#BEB851  
}
```

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 #BEB851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEB851
}
```

Border

The CSS property to change the border of an element to Hex BEB851 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
#BEB851 }
```

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

```
.border{ border-color:#BEB851 }
```

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

Here you see how a box with a 4 pixel #BEB851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEB851; -webkit-box-shadow:4px 4px  
4px 4px #BEB851; box-shadow:4px 4px 4px  
4px #BEB851 }
```

Background

The CSS property to change the background color of an element to Hex BEB851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEB851 }
```

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

```
.background{ background-color:#BEB851 }
```

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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