

# Converting Colors

Hex(BEB041)

Have a look what the booklet for  
Hex(BEB041) contains.

<b>Hex(BEB041)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BEB041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEB041</a>
RGB	<a href="#">190, 176, 65</a>
RGB Percent	<a href="#">75%, 69%, 25%</a>
CMY	<a href="#">0.2549, 0.3098, 0.7451</a>
CMYK	<a href="#">0.00, 0.07, 0.66, 0.25</a>
HSL	<a href="#">53°, 49%, 50%</a>
HSV	<a href="#">53°, 66%, 75%</a>
XYZ	<a href="#">37.7147, 42.3795, 11.1933</a>
YIQ	<a href="#">167.5320, 43.9750, -31.5530</a>

# Conversions

## Conversions Part 2

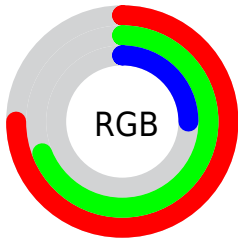
Format	Color
<a href="#">RYB</a>	<a href="#">81, 190, 65</a>
Decimal	<a href="#">12496961</a>
CIELab	<a href="#">71.13, -8.15, 56.54</a>
CIELCh	<a href="#">71, 57.121, 98.203</a>
Yxy	<a href="#">42.3795, 0.4131, 0.4642</a>
Android (android.graphics.Color)	<a href="#">4290687041</a> (0xFFBEB041)
YUV	<a href="#">167.5320, -50.5483, 19.7044</a>
Hunter-Lab	<a href="#">65.0995, -10.5122, 35.3753</a>

# Details

The Hex color **BEB041** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **414FBE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F9E776**, and **857C00** is the 20% darker color. If you saturate the color by 10%, you get **BEAE2E**, and if you desaturate by 10%, it is **BEB254**.

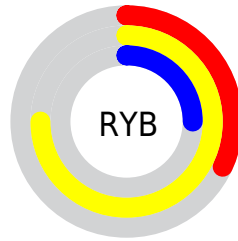
# Distribution



Red (75%)

Green (69%)

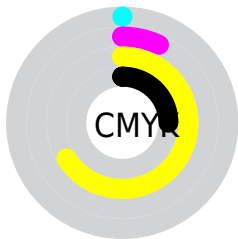
Blue (25%)



Red (32%)

Yellow (75%)

Blue (25%)

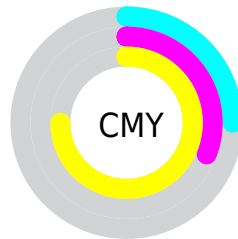


Cyan (0%)

Magenta (7%)

Yellow (66%)

Black (25%)



Cyan (25%)

Magenta (31%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEB041 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 BEB041 by changing the saturation by 10% instead.





BEB041



BEB041

FFFFFF



A19525



F9E776



857C00



FFFF91



6A6300



FFFFAD



504B00



FFFFC9



353500



FFFFE6



1D2000



000800



000000



BEB041



BEB041

 BEAE2E

 BEB254

 BEAC1B

 BEB467

 BEAA08

 BEB67A

 BEA900

 BEB98D

 BEBBA0

 BEBDB3

 BEBFC6

 BEC1D9

 BEC3EC

# Harmonies

## Analogous

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



EA9E4C



BEB041



86BD58

# Triad

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



BEB041



00C6ED



F987D6

# Complementary

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



BEB041



414FBE

# 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.



C49BFF



BEB041



00BEFF

# Square

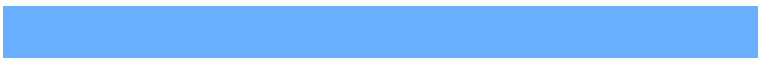
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BEB041



00C8BB



69AFFF



FF80A2

# Rectangle

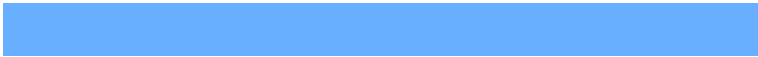
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BEB041



56C375



69AFFF



EB8DE6

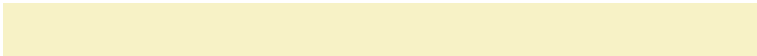


# Sweetspot

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



BEB041



F7F2C6



BE4150



7D7A5F



FCFCFC



7D7D7D



# Same Dimension

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



BEB041



F7E134



8EBE41



5E5D55



9E8C00



1F1B00



# Inverse Universe

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



414FBE



344AF7



7141BE



55565E



00129E



00031F



# Previews

## White Background



This preview shows how the Hex color BEB041 looks on a white background.

## Color Contrast Check

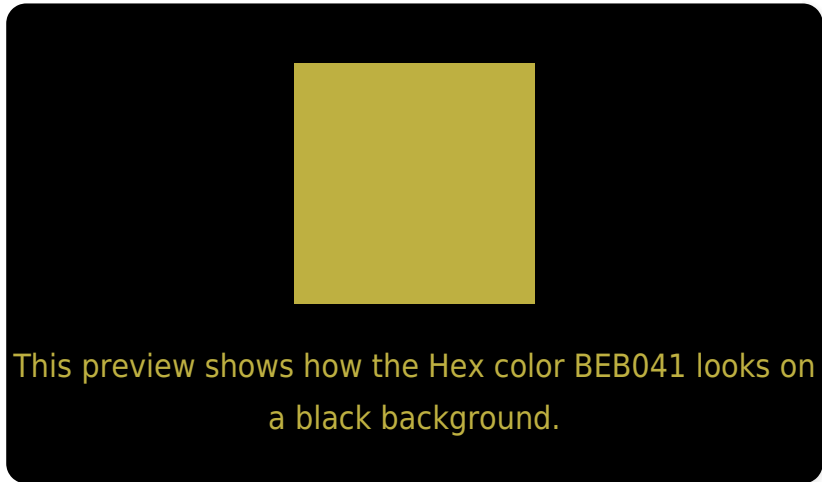
Large Text (above 18pt) WCAG AA × Fail

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 BEB041 Background



This preview shows how black text looks on a background with the Hex color BEB041.

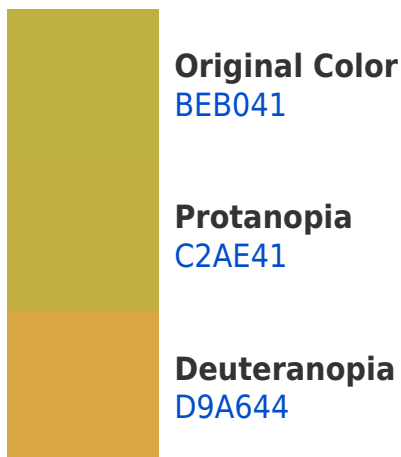


This preview shows how white text looks on a background with the Hex color BEB041.

# 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](#).

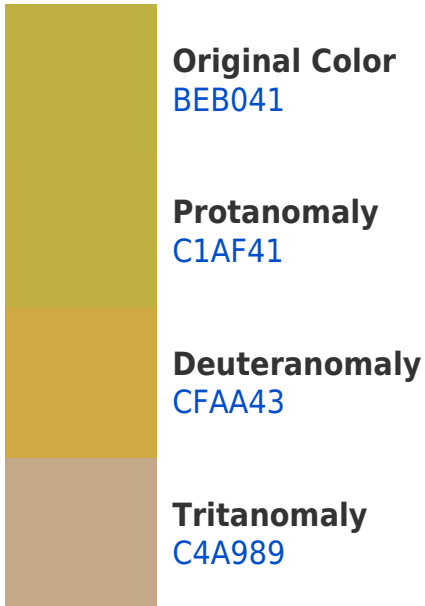
## Dichromacy



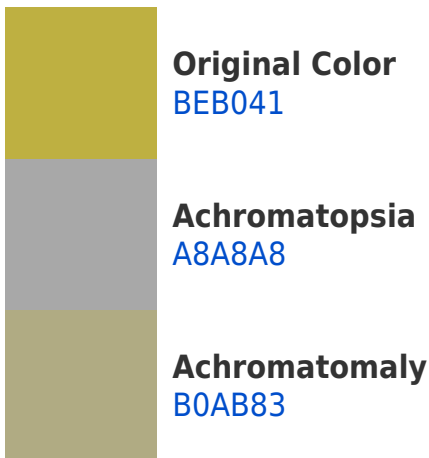


**Tritanopia**  
C8A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEB041 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 #BEB041 looks like.

```
.text, #text, p{  
    color:#BEB041  
}
```

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 #BEB041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEB041
}
```

## Border

The CSS property to change the border of an element to Hex BEB041 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
#BEB041 }
```

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

```
.border{ border-color:#BEB041 }
```

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

Here you see how a box with a 4 pixel #BEB041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEB041; -webkit-box-shadow:4px 4px  
4px 4px #BEB041; box-shadow:4px 4px 4px  
4px #BEB041 }
```

# Background

The CSS property to change the background color of an element to Hex BEB041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEB041 }
```

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

```
.background{ background-color:#BEB041 }
```

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