

# Converting Colors

Hex(BEEB87)

Have a look what the booklet for  
Hex(BEEB87) contains.

<b>Hex(BEEB87)</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(BEEB87)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">BEEB87</a>
RGB	<a href="#">190, 235, 135</a>
RGB Percent	<a href="#">75%, 92%, 53%</a>
CMY	<a href="#">0.2549, 0.0784, 0.4706</a>
CMYK	<a href="#">0.19, 0.00, 0.43, 0.08</a>
HSL	<a href="#">87°, 71%, 73%</a>
HSV	<a href="#">87°, 43%, 92%</a>
XYZ	<a href="#">55.3167, 72.1131, 33.9254</a>
YIQ	<a href="#">210.1450, 5.2800, -40.6400</a>

# Conversions

## Conversions Part 2

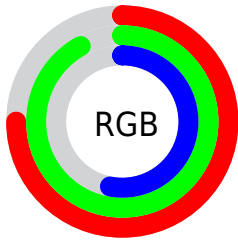
Format	Color
<a href="#">RYB</a>	<a href="#">135, 235, 180</a>
Decimal	<a href="#">12512135</a>
CIELab	<a href="#">88.02, -30.92, 43.76</a>
CIELCh	<a href="#">88, 53.584, 125.243</a>
Yxy	<a href="#">72.1131, 0.3428, 0.4469</a>
Android (android.graphics.Color)	<a href="#">4290702215</a> ( <a href="#">0xFFBEEB87</a> )
YUV	<a href="#">210.1450, -37.0465, -17.6672</a>
Hunter-Lab	<a href="#">84.9194, -32.3337, 35.7572</a>

# Details

The Hex color **BEEB87** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B487EB**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F8FFBE**, and **87B353** is the 20% darker color. If you saturate the color by 10%, you get **B3EB70**, and if you desaturate by 10%, it is **C9EB9F**.

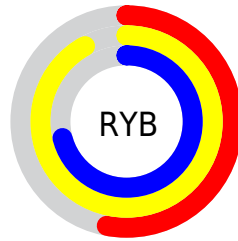
# Distribution



Red (75%)

Green (92%)

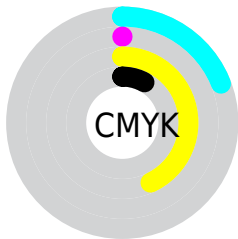
Blue (53%)



Red (53%)

Yellow (92%)

Blue (71%)

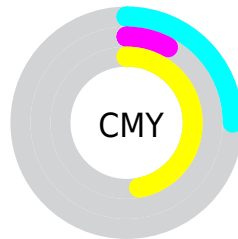


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEEB87 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 BEEB87 by changing the saturation by 10% instead.



 BEEB87

 BEEB87

FFFFFF

 A2CF6D

 F8FFBE

 87B353

 FFFFDA

 6C983A

 FFFFF7

 527E20

 386501

 1E4C00

 003500

 002200

 000000

 BEEB87

 BEEB87

 B3EB70

 C9EB9F

 A9EB58

 D3EBB6

 9EEB41

 DEEBCE

 94EB29

 E8EBE5

 89EB12

 F3EBFD

 81EB00

 FDEBFF

 FFEBFF

# Harmonies

## Analogous

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



F4DD75



BEEB87



7CF4B0

# Triad

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



BEEB87



00EDFF



FFB3D6

# Complementary

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



BEEB87



B487EB

# Split Complementary

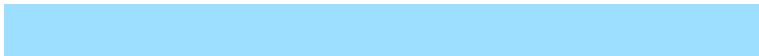
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBFF



BEEB87



9CDFFF

# Square

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



BEEB87



00F5FF



EDCCFF



FFBAA5

# Rectangle

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



BEEB87



3DF7D3



EDCCFF



FFB4E7



# Sweetspot

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



BEEB87



F0FFDE



EBB487



76806B



000000



808080



# Same Dimension

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



BEEB87



C4FF7D



8EEB87



70756A



64B500



1D3600



# Inverse Universe

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



B487EB



B77DFE



E687EB



6F6A75



5100B5

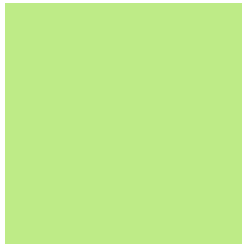


180036



# Previews

## White Background



This preview shows how the Hex color BEEB87 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



This preview shows how the Hex color BEEB87 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

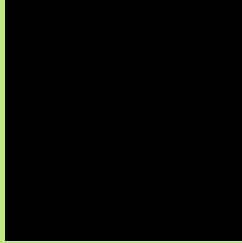
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEEB87 Background



This preview shows how black text looks on a background with the Hex color BEEB87.

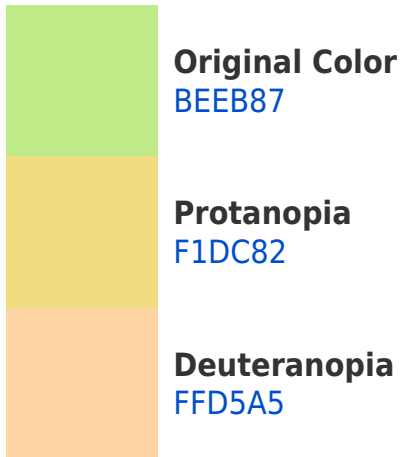


This preview shows how white text looks on a background with the Hex color BEEB87.

# 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](#).

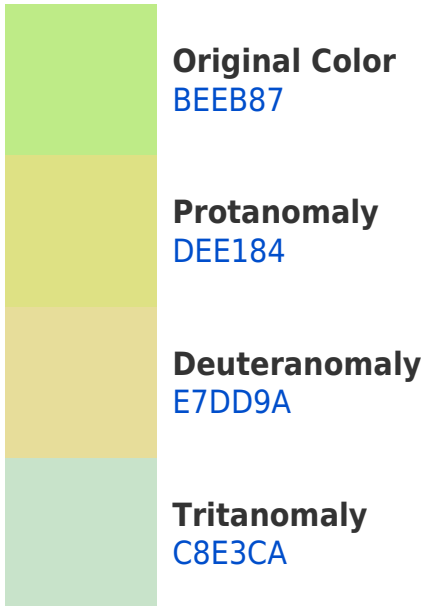
## Dichromacy



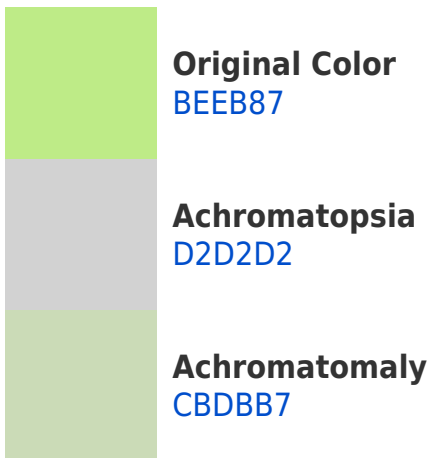


**Tritanopia**  
CDDFF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEEB87 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 #BEEB87 looks like.

```
.text, #text, p{  
    color:#BEEB87  
}
```

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 #BEEB87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEEB87  
}
```

## Border

The CSS property to change the border of an element to Hex BEEB87 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  
#BEEB87 }
```

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

```
.border{ border-color:#BEEB87 }
```

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

Here you see how a box with a 4 pixel #BEEB87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEEB87; -webkit-box-shadow:4px 4px  
4px 4px #BEEB87; box-shadow:4px 4px 4px  
4px #BEEB87 }
```

# Background

The CSS property to change the background color of an element to Hex BEEB87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEEB87 }
```

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

```
.background{ background-color:#BEEB87 }
```

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