

# Converting Colors

Hex(BEEB86)

Have a look what the booklet for  
Hex(BEEB86) contains.

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**Color**

**Hex(BEEB86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEEB86
RGB	190, 235, 134
RGB Percent	75%, 92%, 53%
CMY	0.2549, 0.0784, 0.4745
CMYK	0.19, 0.00, 0.43, 0.08
HSL	87°, 72%, 72%
HSV	87°, 43%, 92%
XYZ	55.2466, 72.0850, 33.5563
YIQ	210.0310, 5.6010, -40.9510

# Conversions

## Conversions Part 2

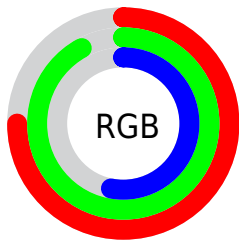
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 235, 179
Decimal	12512134
CIELab	88.01, -31.04, 44.23
CIELCh	88, 54.037, 125.057
Yxy	72.0850, 0.3434, 0.4480
Android (android.graphics.Color)	4290702214 (0xFFBEEB86)
YUV	210.0310, -37.4833, -17.5672
Hunter-Lab	84.9029, -32.4295, 35.9988

# Details

The Hex color **BEEB86** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B386EB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **F8FFBD**, and **87B352** is the 20% darker color. If you saturate the color by 10%, you get **B4EB6F**, and if you desaturate by 10%, it is **C8EB9E**.

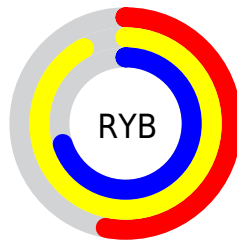
# Distribution



Red (75%)

Green (92%)

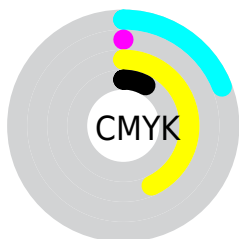
Blue (53%)



Red (53%)

Yellow (92%)

Blue (70%)

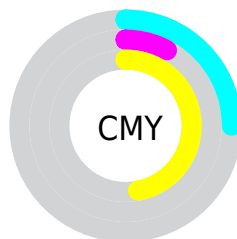


Cyan (19%)

Magenta (0%)

Yellow (43%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEEB86 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 BEEB86 by changing the saturation by 10% instead.



 BEEB86

 BEEB86

FFFFFF

 A2CF6C

 F8FFBD

 87B352

 FFFFD9

 6C9839

 FFFFF6

 527E1F

 386500

 1E4C00

 003500

 002200

 000000

 BEEB86

 BEEB86

 B4EB6F

 C8EB9E

 A9EB57

 D3EBB5

 9FEB40

 DDEBCD

 94EB28

 E8EBE4

 8AEB11

 F2EBFC

 82EB00

 FDEBFF

 FFEBFF

# Harmonies

## Analogous

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



F4DD74



BEEB86



7CF4B0

# Triad

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



BEEB86



00EEFF



FFB3D6

# Complementary

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



BEEB86



B386EB

# Split Complementary

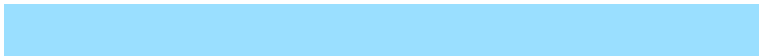
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAFF



BEEB86



9ADFFF

# Square

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



BEEB86



00F6FF



EDCCFF



FFBAA4

# Rectangle

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



BEEB86



3AF7D2



EDCCFF



FFB4E7



# Sweetspot

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



BEEB86



F0FFDE



EBB286



76806B



000000



808080



# Same Dimension

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



BEEB86



C4FF7A



8DEB86



70756A



64B500



1E3600



# Inverse Universe

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



B386EB



B57AFF



E486EB



6F6A75



5100B5

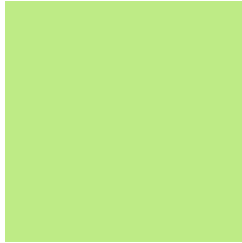


180036



# Previews

## White Background



This preview shows how the Hex color BEEB86 looks on a white background.

## Color Contrast Check

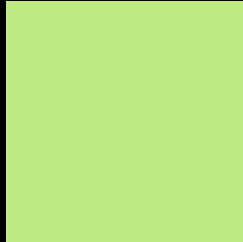
Large Text (above 18pt) WCAG AA × Fail

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 BEEB86 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 BEEB86 Background



This preview shows how black text looks on a background with the Hex color BEEB86.

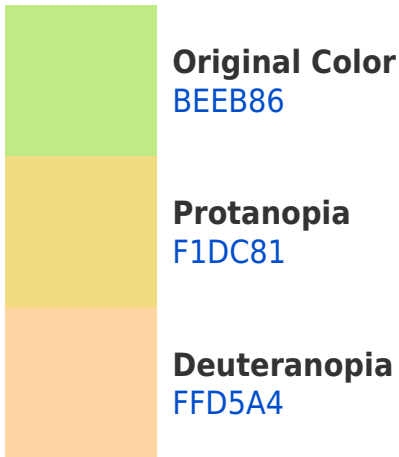


This preview shows how white text looks on a background with the Hex color BEEB86.

# 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

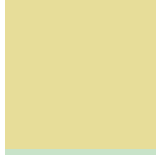
# Trichromacy



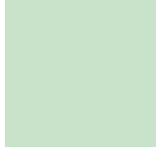
**Original Color**  
BEEB86



**Protanomaly**  
DEE183



**Deuteranomaly**  
E7DD99

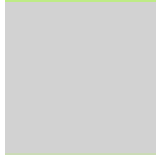


**Tritanomaly**  
C8E3C9

# Monochromacy



**Original Color**  
BEEB86



**Achromatopsia**  
D2D2D2



**Achromatomaly**  
CBDBB6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEEB86 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 #BEEB86 looks like.

```
.text, #text, p{  
    color:#BEEB86  
}
```

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 #BEEB86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEEB86
}
```

## Border

The CSS property to change the border of an element to Hex BEEB86 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
#BEEB86 }
```

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

```
.border{ border-color:#BEEB86 }
```

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

Here you see how a box with a 4 pixel #BEEB86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEEB86; -webkit-box-shadow:4px 4px  
4px 4px #BEEB86; box-shadow:4px 4px 4px  
4px #BEEB86 }
```

# Background

The CSS property to change the background color of an element to Hex BEEB86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEEB86 }
```

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

```
.background{ background-color:#BEEB86 }
```

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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