

# Converting Colors

Hex(BBEA80)

Have a look what the booklet for  
Hex(BBEA80) contains.

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**Color**

**Hex(BBEA80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBEA80
RGB	187, 234, 128
RGB Percent	73%, 92%, 50%
CMY	0.2667, 0.0824, 0.4980
CMYK	0.20, 0.00, 0.45, 0.08
HSL	87°, 72%, 71%
HSV	87°, 45%, 92%
XYZ	53.8126, 70.9689, 31.2842
YIQ	207.8630, 6.0140, -42.9300

# Conversions

## Conversions Part 2

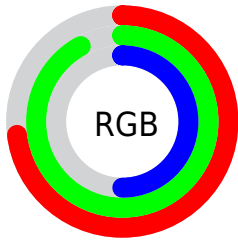
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 234, 175</a>
Decimal	<a href="#">12315264</a>
CIELab	<a href="#">87.47, -32.35, 46.42</a>
CIELCh	<a href="#">87, 56.586, 124.875</a>
Yxy	<a href="#">70.9689, 0.3448, 0.4547</a>
Android (android.graphics.Color)	<a href="#">4290505344</a> ( <a href="#">0xFFBBEA80</a> )
YUV	<a href="#">207.8630, -39.3725, -18.2969</a>
Hunter-Lab	<a href="#">84.2431, -33.4035, 36.9524</a>

# Details

The Hex color **BBEA80** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AF80EA**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F5FFB6**, and **84B24C** is the 20% darker color. If you saturate the color by 10%, you get **B1EA69**, and if you desaturate by 10%, it is **C5EA97**.

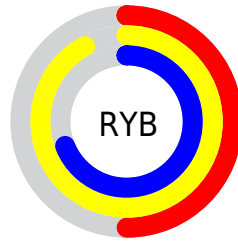
# Distribution



Red (73%)

Green (92%)

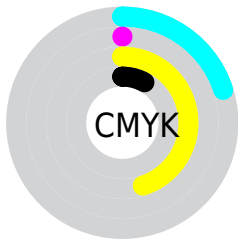
Blue (50%)



Red (50%)

Yellow (92%)

Blue (69%)

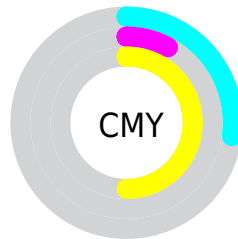


Cyan (20%)

Magenta (0%)

Yellow (45%)

Black (8%)



Cyan (27%)

Magenta (8%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBEA80 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 BBEA80 by changing the saturation by 10% instead.



 BBEA80

 BBEA80

FFFFFF

 9FCE66

 F5FFB6

 84B24C

 FFFFD3

 699732

 FFFFEE

 4E7D17

 346400

 1A4B00

 003400

 002100

 000000

 BBEA80

 BBEA80

 B1EA69

 C5EA97

 A6EA51

 D0EAAF

 9CEA3A

 DAEAC6

 91EA22

 E5EADE

 87EA0B

 EFEAF5

 82EA00

 F9EAFF

 FFEAFF

# Harmonies

## Analogous

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



F4DB6D



BBEA80



74F3AC

# Triad

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



BBEA80



00EDFF



FFAFD4

# Complementary

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



BBEA80



AF80EA

# 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.



FFB7FF



BBEA80



92DEFF

# Square

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



BBEA80



00F5FF



ECCAFF



FFB6A0

# Rectangle

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



BBEA80



1EF6D0



ECCAFF



FFB0E7



# Sweetspot

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



BBEA80



EFFFD8



EAAE80



76806A



000000



808080

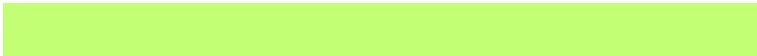


# Same Dimension

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



BBEA80



C2FF75



87EA80



70756A



65B500



1E3600



# Inverse Universe

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



AF80EA



B275FF



E380EA



6F6A75



5000B5



180036



# Previews

## White Background



This preview shows how the Hex color BBEA80 looks on a white background.

## Color Contrast Check

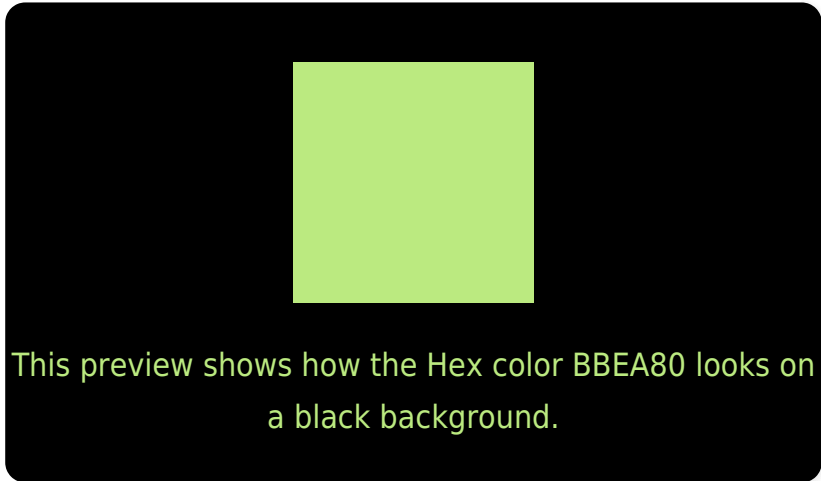
Large Text (above 18pt) WCAG AA × Fail

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 BBEA80 Background



This preview shows how black text looks on a background with the Hex color BBEA80.

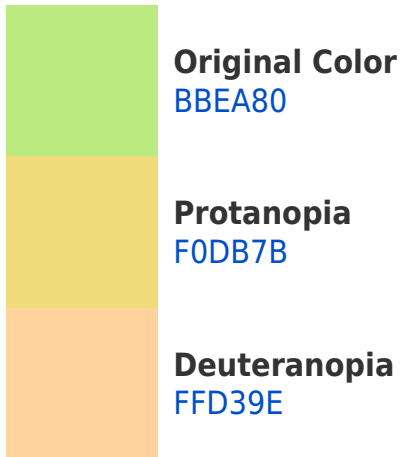


This preview shows how white text looks on a background with the Hex color BBEA80.

# 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





# Trichromacy



**Original Color**  
BBEA80



**Protanomaly**  
DDE07D



**Deuteranomaly**  
E6DB93

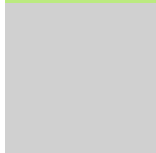


**Tritanomaly**  
C5E2C7

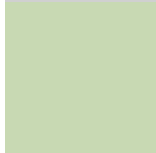
# Monochromacy



**Original Color**  
BBEA80



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C8D9B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBEA80 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 #BBEA80 looks like.

```
.text, #text, p{  
    color:#BBEA80  
}
```

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 #BBEA80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBEA80
}
```

## Border

The CSS property to change the border of an element to Hex BBEA80 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
#BBEA80 }
```

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

```
.border{ border-color:#BBEA80 }
```

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

Here you see how a box with a 4 pixel #BBEA80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBEA80; -webkit-box-shadow:4px 4px  
4px 4px #BBEA80; box-shadow:4px 4px 4px  
4px #BBEA80 }
```

# Background

The CSS property to change the background color of an element to Hex BBEA80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBEA80 }
```

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

```
.background{ background-color:#BBEA80 }
```

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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