

Converting Colors

Hex(BEE188)

Have a look what the booklet for
Hex(BEE188) contains.

Hex(BEE188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BEE188)

Conversions

Conversions Part 1

Format	Color
Hex	BEE188
RGB	190, 225, 136
RGB Percent	75%, 88%, 53%
CMY	0.2549, 0.1176, 0.4667
CMYK	0.16, 0.00, 0.40, 0.12
HSL	84°, 60%, 71%
HSV	84°, 40%, 88%
XYZ	52.6044, 66.5752, 33.3703
YIQ	204.3890, 7.7090, -35.0990

Conversions

Conversions Part 2

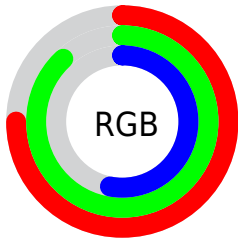
Format	Color
RYB	136, 225, 171
Decimal	12509576
CIELab	85.29, -26.07, 39.79
CIElCh	85, 47.574, 123.234
Yxy	66.5752, 0.3448, 0.4364
Android (android.graphics.Color)	4290699656 (0xFFBEE188)
YUV	204.3890, -33.7158, -12.6192
Hunter-Lab	81.5936, -27.7077, 32.8670

Details

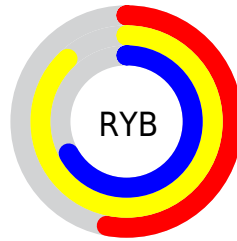
The Hex color **BEE188** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB88E1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F7FFBE**, and **87AA54** is the 20% darker color. If you saturate the color by 10%, you get **B5E172**, and if you desaturate by 10%, it is **C7E19F**.

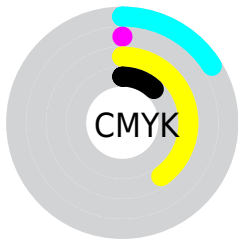
Distribution



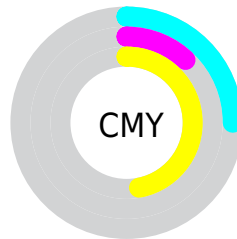
- Red (75%)
- Green (88%)
- Blue (53%)



- Red (53%)
- Yellow (88%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (12%)



- Cyan (25%)
- Magenta (12%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEE188 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 BEE188 by changing the saturation by 10% instead.

 BEE188

FFFFFF

 F7FFBE

 FFFFDB

 FFFFF7

 BEE188

 A2C56E

 87AA54

 6D8F3C

 537523

 3A5C07

 224500

 052E00

 001B00

 000000

 BEE188

 BEE188

 B5E172

 C7E19F

 ACE15B

 D0E1B5

 A3E144

 D9E1CB

 9BE12E

 E1E1E2

 92E118

 EAE1F8

 89E101

 F3E1FF

 89E100

 FCE1FF

 FFE1FF

Harmonies

Analogous

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



EDD47A



BEE188



87E9AB

Triad

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



BEE188



3CE4FF



FFB1D2

Complementary

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



BEE188



AB88E1

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.



FFB8FE



BEE188



9AD8FF

Square

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



BEE188



00EBFF



E0C8FF



FFB7A6

Rectangle

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



BEE188



5AECC9



E0C8FF



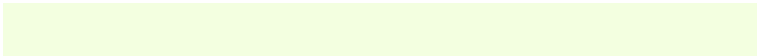
FFB2E1

Sweetspot

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



BEE188



F3FFE0



E1AA88



78806E



000000



808080

Same Dimension

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



BEE188



D0FF87



92E188



6C7065



6BB000



1D3000

Inverse Universe

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



AB88E1



B687FF



D788E1



696570



4500B0



130030

Previews

White Background



This preview shows how the Hex color BEE188 looks on a white background.

Color Contrast Check

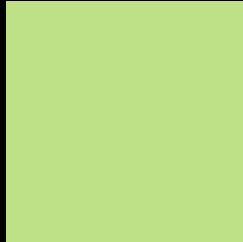
Large Text (above 18pt) WCAG AA × Fail

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 BEE188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

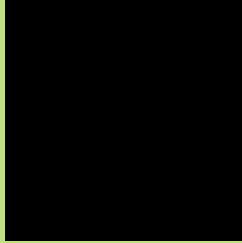
Any Text WCAG AA ✓ Pass

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 BEE188 Background



This preview shows how black text looks on a background with the Hex color BEE188.

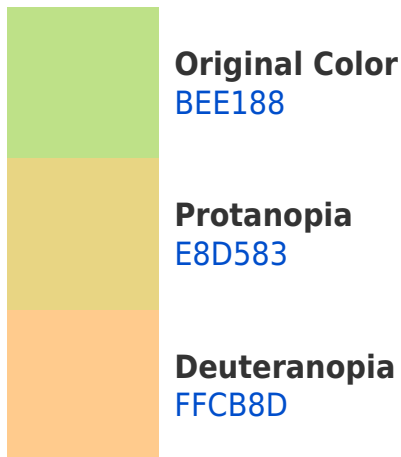


This preview shows how white text looks on a background with the Hex color BEE188.

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](#).

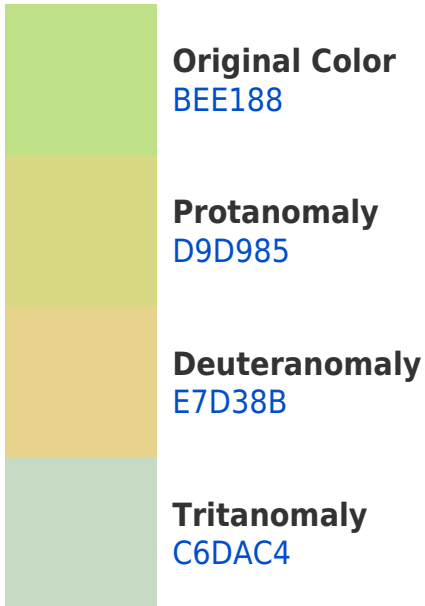
Dichromacy



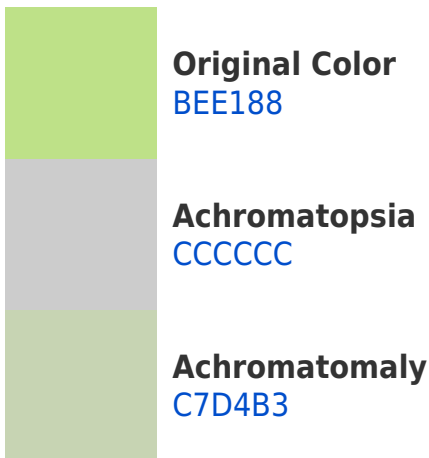


Tritanopia
CBD6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEE188 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 #BEE188 looks like.

```
.text, #text, p{  
    color:#BEE188  
}
```

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 #BEE188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE188  
}
```

Border

The CSS property to change the border of an element to Hex BEE188 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  
#BEE188 }
```

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

```
.border{ border-color:#BEE188 }
```

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

Here you see how a box with a 4 pixel #BEE188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE188; -webkit-box-shadow:4px 4px  
4px 4px #BEE188; box-shadow:4px 4px 4px  
4px #BEE188 }
```

Background

The CSS property to change the background color of an element to Hex BEE188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE188 }
```

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

```
.background{ background-color:#BEE188 }
```

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