

Converting Colors

Hex(BBE481)

Have a look what the booklet for
Hex(BBE481) contains.

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Color

Hex(BBE481)

Conversions

Conversions Part 1

Format	Color
Hex	BBE481
RGB	187, 228, 129
RGB Percent	73%, 89%, 51%
CMY	0.2667, 0.1059, 0.4941
CMYK	0.18, 0.00, 0.43, 0.11
HSL	85°, 65%, 70%
HSV	85°, 43%, 89%
XYZ	52.1994, 67.6366, 31.0728
YIQ	204.4550, 7.3430, -39.4810

Conversions

Conversions Part 2

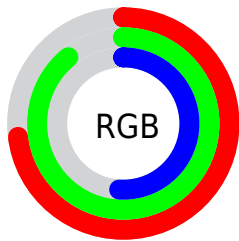
Format	Color
RYB	129, 228, 170
Decimal	12313729
CIELab	85.82, -29.44, 43.88
CIELCh	86, 52.843, 123.854
Yxy	67.6366, 0.3459, 0.4482
Android (android.graphics.Color)	4290503809 (0xFFBBE481)
YUV	204.4550, -37.1993, -15.3080
Hunter-Lab	82.2415, -30.6271, 35.1678

Details

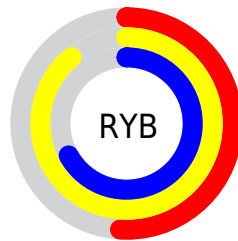
The Hex color **BBE481** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AA81E4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F4FFB7**, and **84AC4D** is the 20% darker color. If you saturate the color by 10%, you get **B2E46A**, and if you desaturate by 10%, it is **C4E498**.

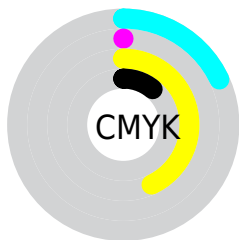
Distribution



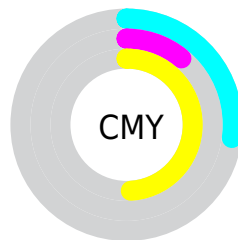
- Red (73%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBE481 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 BBE481 by changing the saturation by 10% instead.

 BBE481

 BBE481

FFFFFF

 9FC867

 F4FFB7

 84AC4D

 FFFFD3

 699234

 FFFFF0

 4F781A

 365F00

 1D4700

 003000

 001D00

 000000

 BBE481

 BBE481

 B2E46A

 C4E498

 A8E453

 CEE4AF

 9FE43D

 D7E4C5

 95E426

 E1E4DC

 8CE40F

 EAE4F3

 86E400

 F4E4FF

 FDE4FF

 FFE4FF

Harmonies

Analogous

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



F0D671



BBE481



7BEDA9

Triad

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



BBE481



00E7FF



FFAED2

Complementary

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



BBE481



AA81E4

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.



FFB6FF



BBE481



92DAFF

Square

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



BBE481



00EFFF



E4C7FF



FFB4A1

Rectangle

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



BBE481



3EF0CA



E4C7FF



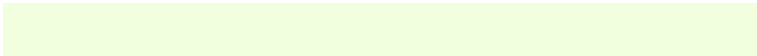
FFAFE3

Sweetspot

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



BBE481



F1FFDE



E4A981



77806B



000000



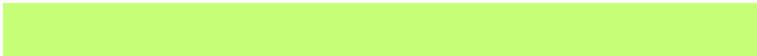
808080

Same Dimension

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



BBE481



C8FF7A



8BE481



6E7367



69B300



1E3300

Inverse Universe

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



AA81E4



B17AFF



DA81E4



6C6773



4A00B3



150033

Previews

White Background



This preview shows how the Hex color BBE481 looks on a white background.

Color Contrast Check

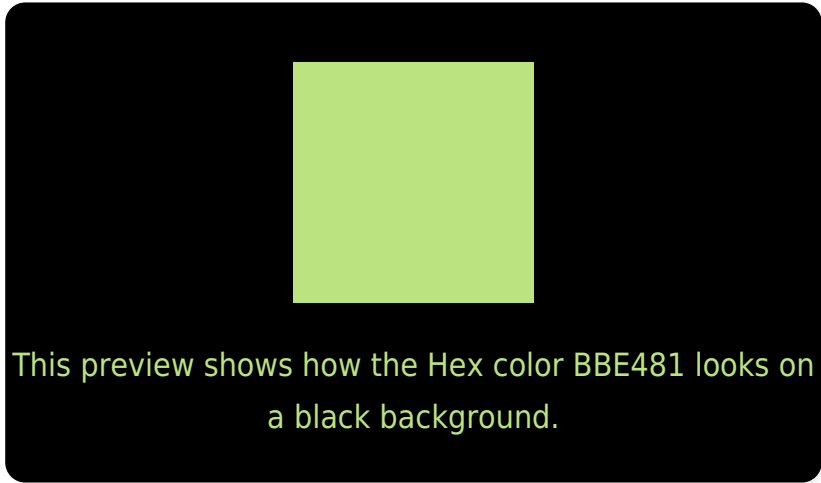
Large Text (above 18pt) WCAG AA × Fail

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 BBE481 Background



This preview shows how black text looks on a background with the Hex color BBE481.

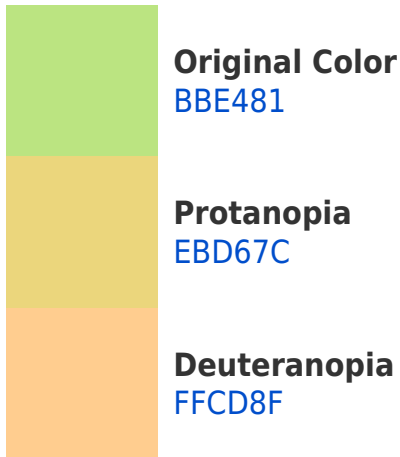


This preview shows how white text looks on a background with the Hex color BBE481.

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](#).

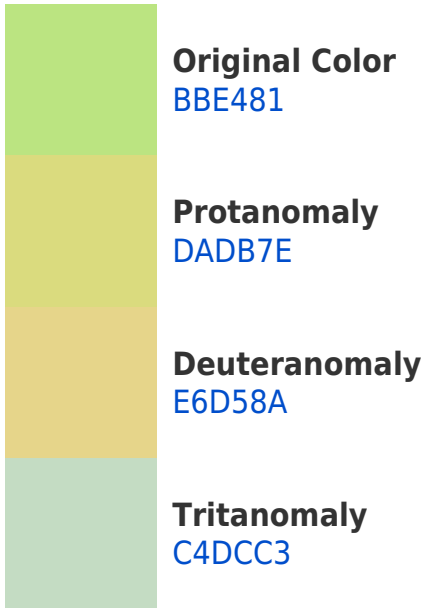
Dichromacy



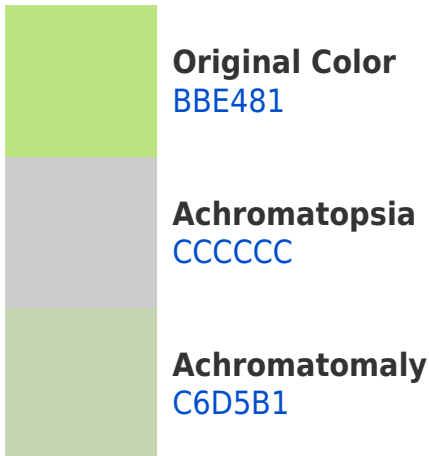


Tritanopia
C9D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BBE481 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 #BBE481 looks like.

```
.text, #text, p{  
    color:#BBE481  
}
```

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 #BBE481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE481
}
```

Border

The CSS property to change the border of an element to Hex BBE481 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
#BBE481 }
```

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

```
.border{ border-color:#BBE481 }
```

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

Here you see how a box with a 4 pixel #BBE481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE481; -webkit-box-shadow:4px 4px  
4px 4px #BBE481; box-shadow:4px 4px 4px  
4px #BBE481 }
```

Background

The CSS property to change the background color of an element to Hex BBE481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE481 }
```

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

```
.background{ background-color:#BBE481 }
```

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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