

# Converting Colors

Hex(BBE580)

Have a look what the booklet for  
Hex(BBE580) contains.

<b>Hex(BBE580)</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(BBE580)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBE580
RGB	187, 229, 128
RGB Percent	73%, 90%, 50%
CMY	0.2667, 0.1020, 0.4980
CMYK	0.18, 0.00, 0.44, 0.10
HSL	85°, 66%, 70%
HSV	85°, 44%, 90%
XYZ	52.4091, 68.1619, 30.8164
YIQ	204.9280, 7.3890, -40.3150

# Conversions

## Conversions Part 2

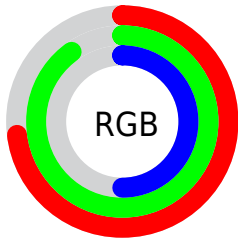
Format	Color
<a href="#">RYB</a>	<a href="#">128, 229, 170</a>
Decimal	<a href="#">12313984</a>
CIELab	<a href="#">86.09, -30.02, 44.70</a>
CIElCh	<a href="#">86, 53.848, 123.887</a>
Yxy	<a href="#">68.1619, 0.3462, 0.4502</a>
Android (android.graphics.Color)	<a href="#">4290504064 (0xFFBBE580)</a>
YUV	<a href="#">204.9280, -37.9255, -15.7229</a>
Hunter-Lab	<a href="#">82.5602, -31.1689, 35.6616</a>

# Details

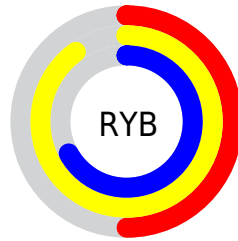
The Hex color **BBE580** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AA80E5**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **F5FFB6**, and **84AD4C** is the 20% darker color. If you saturate the color by 10%, you get **B1E569**, and if you desaturate by 10%, it is **C5E597**.

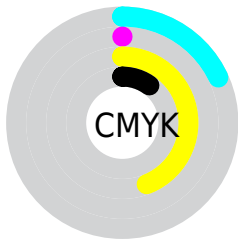
# Distribution



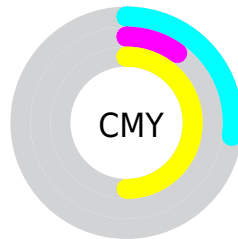
- Red (73%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (67%)



- Cyan (18%)
- Magenta (0%)
- Yellow (44%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBE580 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 BBE580 by changing the saturation by 10% instead.



 BBE580

 BBE580

FFFFFF

 9FC966

 F5FFB6

 84AD4C

 FFFFD2

 699333

 FFFFEE

 4F7918

 356000

 1D4800

 003100

 001E00

 000000

 BBE580

 BBE580

 B1E569

 C5E597

 A8E552

 CEE5AE

 9EE53B

 D8E5C5

 95E524

 E1E5DC

 8BE50D

 EBE5F3

 86E500

 F4E5FF

 FEE5FF

 FFE5FF

# Harmonies

## Analogous

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



F1D76F



BBE580



7AEEA9

# Triad

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



BBE580



00E8FF



FFAED3

# Complementary

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



BBE580



AA80E5

# 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



BBE580



91DAFF

# Square

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



BBE580



00FFFF



E5C7FF



FFB4A1

# Rectangle

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



BBE580



38F1CB



E5C7FF



FFAFE4



# Sweetspot

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



BBE580



F1FFDE



E5A880



77806B



000000



808080

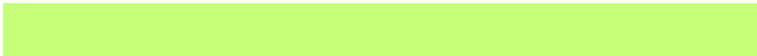


# Same Dimension

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



BBE580



C7FF78



8AE580



6E7367



68B300



1E3300



# Inverse Universe

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



AA80E5



B078FF



DB80E5



6C6773



4A00B3



150033



# Previews

## White Background



This preview shows how the Hex color BBE580 looks on a white background.

## Color Contrast Check

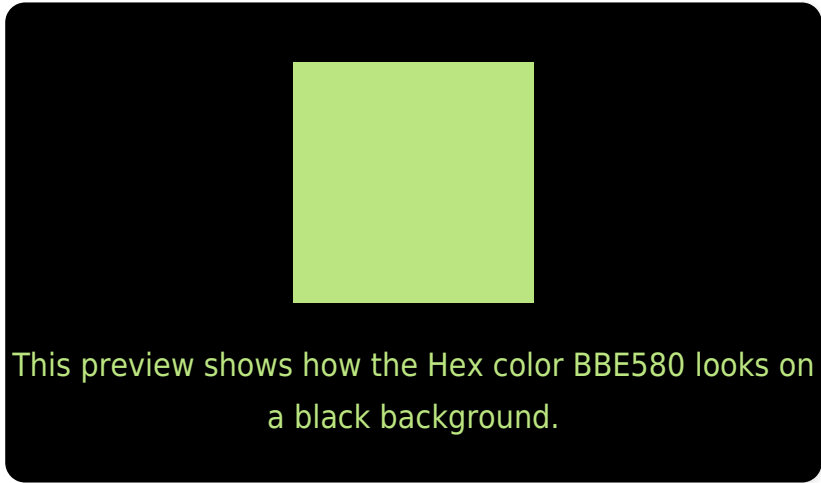
Large Text (above 18pt) WCAG AA × Fail

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

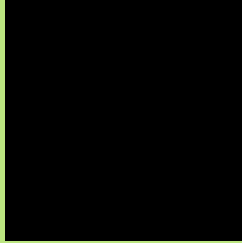
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBE580 Background



This preview shows how black text looks on a background with the Hex color BBE580.

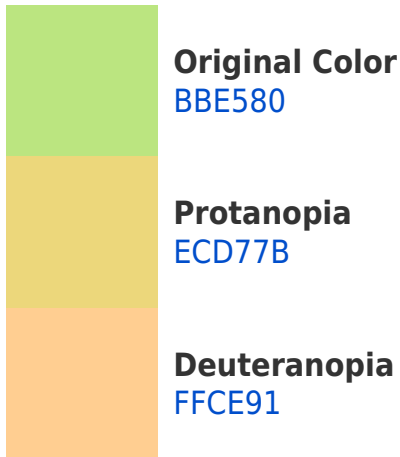


This preview shows how white text looks on a background with the Hex color BBE580.

# Color Blindness Simulation

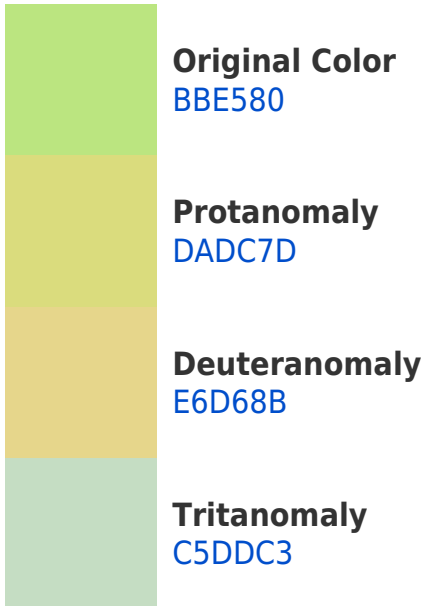
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

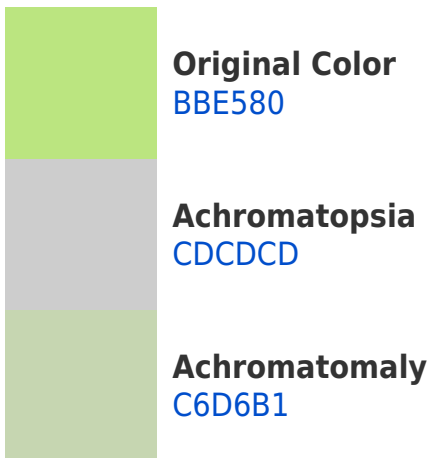




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBE580 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 #BBE580 looks like.

```
.text, #text, p{  
    color:#BBE580  
}
```

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 #BBE580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE580
}
```

## Border

The CSS property to change the border of an element to Hex BBE580 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
#BBE580 }
```

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

```
.border{ border-color:#BBE580 }
```

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

Here you see how a box with a 4 pixel #BBE580 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE580; -webkit-box-shadow:4px 4px  
4px 4px #BBE580; box-shadow:4px 4px 4px  
4px #BBE580 }
```

# Background

The CSS property to change the background color of an element to Hex BBE580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE580 }
```

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

```
.background{ background-color:#BBE580 }
```

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