

# Converting Colors

Hex(BBC879)

Have a look what the booklet for  
Hex(BBC879) contains.

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**Color**

**Hex(BBC879)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC879
RGB	187, 200, 121
RGB Percent	73%, 78%, 47%
CMY	0.2667, 0.2157, 0.5255
CMYK	0.07, 0.00, 0.40, 0.22
HSL	70°, 42%, 63%
HSV	70°, 40%, 78%
XYZ	44.5990, 53.2538, 26.0176
YIQ	187.1070, 17.6110, -27.3250

# Conversions

## Conversions Part 2

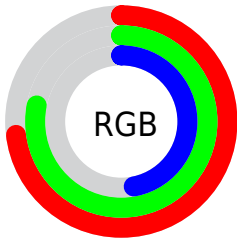
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 200, 134
Decimal	12306553
CIELab	78.02, -16.74, 38.00
CIELCh	78, 41.528, 113.775
Yxy	53.2538, 0.3600, 0.4299
Android (android.graphics.Color)	4290496633 (0xFFBBC879)
YUV	187.1070, -32.5908, -0.0938
Hunter-Lab	72.9752, -18.6159, 29.9442

# Details

The Hex color **BBC879** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **8679C8**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F4FFAE**, and **849247** is the 20% darker color. If you saturate the color by 10%, you get **B8C865**, and if you desaturate by 10%, it is **BEC88D**.

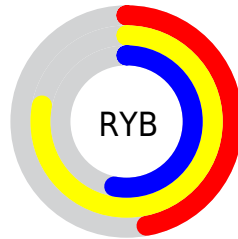
# Distribution



Red (73%)

Green (78%)

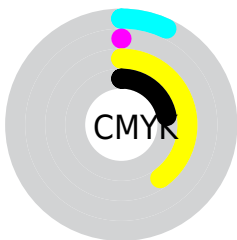
Blue (47%)



Red (47%)

Yellow (78%)

Blue (53%)

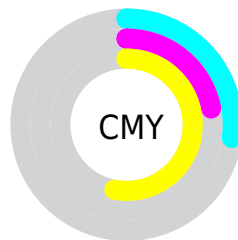


Cyan (7%)

Magenta (0%)

Yellow (40%)

Black (22%)



Cyan (27%)

Magenta (22%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC879 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 BBC879 by changing the saturation by 10% instead.



 BBC879

FFFFFF

 F4FFAE

 FFFFCA


 FFFFE7

 BBC879

 9FAD5F

 849247

 6A782E

 516016

 384800

 213100

 021D00

 000000

 BBC879

 BBC879

 B8C865

 BEC88D

 B4C851

 C2C8A1

 B1C83D

 C5C8B5

 AEC829

 C8C8C9

 ABC815

 CBC8DD

 A7C801

 CFC8F1

 A7C800

 D2C8FF

 D5C8FF

 D9C8FF

# Harmonies

## Analogous

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



E2BC74



BBC879



8ED192

# Triad

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



BBC879



33D1FE



FFA4CB

# Complementary

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



BBC879



8679C8

# 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.



EAACEF



BBC879



7BC7FF

# Square

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



BBC879



1FD5DF



BABAFF



FFA5A4

# Rectangle

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



BBC879



6DD4AA



BABAFF



FFA5D7

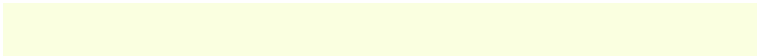


# Sweetspot

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



BBC879



FAFFE0



C88579



7D806E



000000



808080



# Same Dimension

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



BBC879



EBFF87



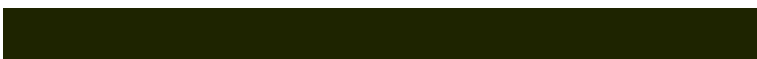
95C879



62635A



88A300



1E2400



# Inverse Universe

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



8679C8



9B87FF



AC79C8



5B5A63



1B00A3



060024



# Previews

## White Background



This preview shows how the Hex color BBC879 looks on a white background.

## Color Contrast Check

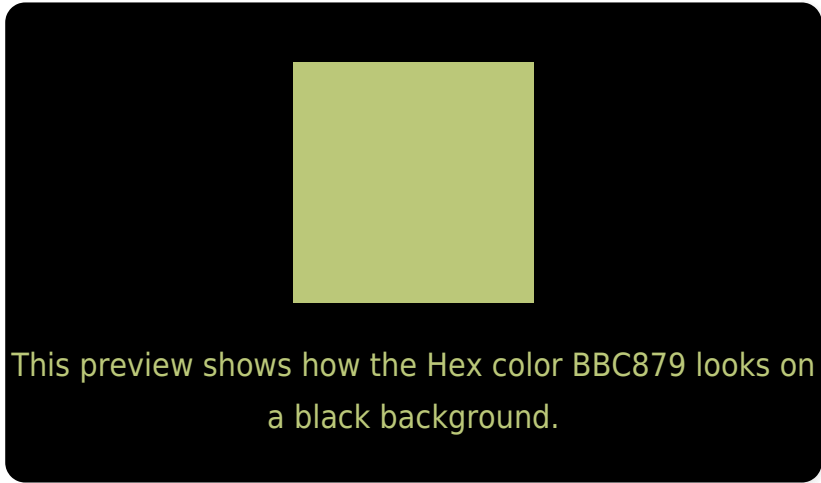
Large Text (above 18pt) WCAG AA × Fail

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

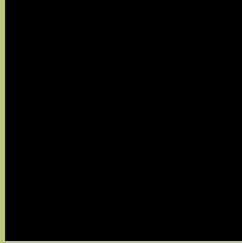
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC879 Background



This preview shows how black text looks on a background with the Hex color BBC879.

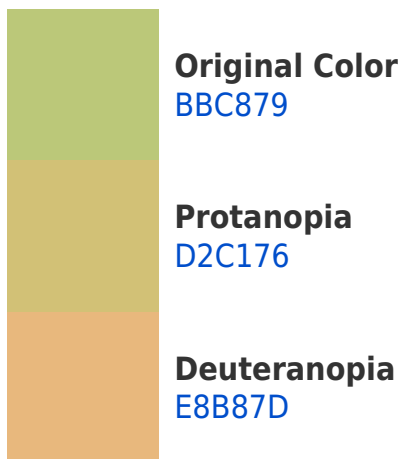


This preview shows how white text looks on a background with the Hex color BBC879.

# Color Blindness Simulation

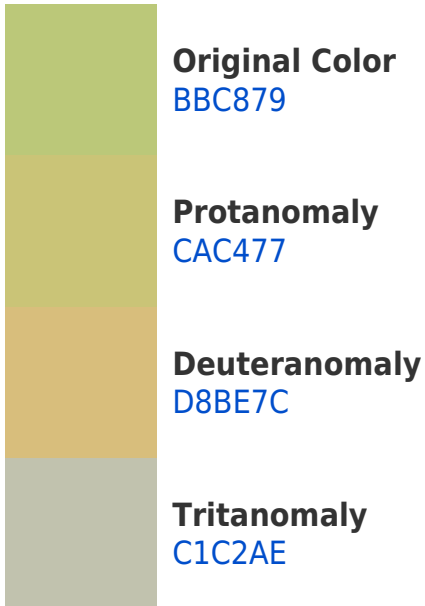
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC879 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 #BBC879 looks like.

```
.text, #text, p{  
    color:#BBC879  
}
```

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 #BBC879 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC879
}
```

## Border

The CSS property to change the border of an element to Hex BBC879 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
#BBC879 }
```

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

```
.border{ border-color:#BBC879 }
```

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

Here you see how a box with a 4 pixel #BBC879 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC879; -webkit-box-shadow:4px 4px  
4px 4px #BBC879; box-shadow:4px 4px 4px  
4px #BBC879 }
```

# Background

The CSS property to change the background color of an element to Hex BBC879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC879 }
```

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

```
.background{ background-color:#BBC879 }
```

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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