

# Converting Colors

Hex(BBC863)

Have a look what the booklet for  
Hex(BBC863) contains.

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**Color**

**Hex(BBC863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC863
RGB	187, 200, 99
RGB Percent	73%, 78%, 39%
CMY	0.2667, 0.2157, 0.6118
CMYK	0.07, 0.00, 0.51, 0.22
HSL	68°, 48%, 59%
HSV	68°, 50%, 78%
XYZ	43.3999, 52.7742, 19.7034
YIQ	184.5990, 24.6730, -34.1670

# Conversions

## Conversions Part 2

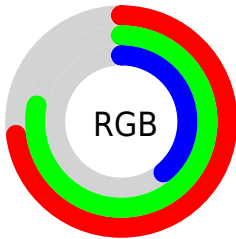
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 200, 112
Decimal	12306531
CIELab	77.74, -19.04, 48.50
CIELCh	78, 52.100, 111.429
Yxy	52.7742, 0.3745, 0.4554
Android (android.graphics.Color)	4290496611 (0xFFBBC863)
YUV	184.5990, -42.2003, 2.1057
Hunter-Lab	72.6459, -20.4912, 34.7711

# Details

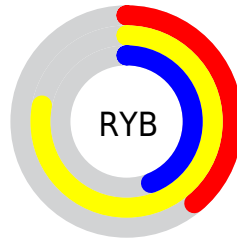
The Hex color **BBC863** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **7063C8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F5FF98**, and **84922F** is the 20% darker color. If you saturate the color by 10%, you get **B8C84F**, and if you desaturate by 10%, it is **BEC877**.

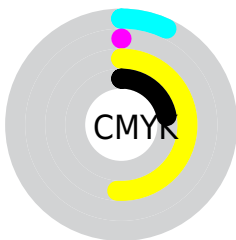
# Distribution



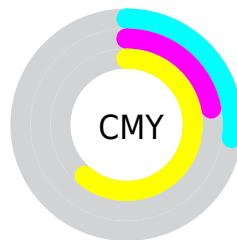
- Red (73%)
- Green (78%)
- Blue (39%)



- Red (39%)
- Yellow (78%)
- Blue (44%)



- Cyan (7%)
- Magenta (0%)
- Yellow (51%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC863 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 BBC863 by changing the saturation by 10% instead.



 BBC863

 BBC863

FFFFFF

 9FAD49

 F5FF98

 84922F

 FFFFFB4

 697813

 FFFFFD0

 4F6000

 FFFFFED

 374800

 1C3100

 001E00

 000000

 BBC863

 BBC863

 B8C84F

 BEC877

 B6C83B

 C0C88B

 B3C827

 C3C89F

 B1C813

 C5C8B3

 AEC800

 C8C8C7

 CAC8DB

 CDC8EF

 D0C8FF

 D2C8FF

# Harmonies

## Analogous

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



EAB95F



BBC863



82D382

# Triad

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



BBC863



00D4FF



FF99D0

# Complementary

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



BBC863



7063C8

# 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.



EFA6FD



BBC863



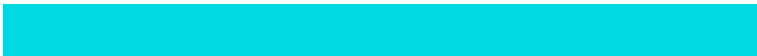
48C9FF

# Square

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



BBC863



00D9E2



AEB9FF



FF9A9F

# Rectangle

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



BBC863



50D7A0



AEB9FF



FF9DE0

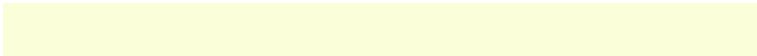


# Sweetspot

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



BBC863



FAFFD9



C86F63



7D8069



000000



808080



# Same Dimension

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



BBC863



EBFF63



8AC863



62635A



8EA300



1F2400



# Inverse Universe

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



7063C8



7763FF



A163C8



5B5A63



1500A3



050024



# Previews

## White Background



This preview shows how the Hex color BBC863 looks on a white background.

## Color Contrast Check

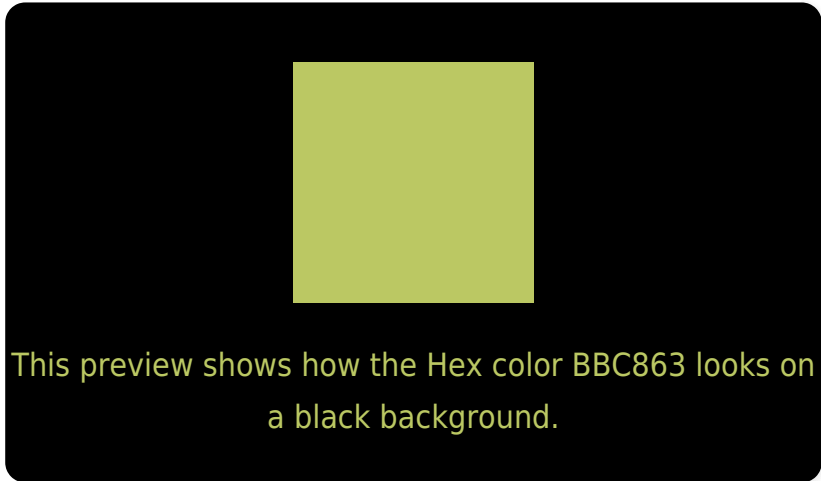
Large Text (above 18pt) WCAG AA × Fail

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 BBC863 Background



This preview shows how black text looks on a background with the Hex color BBC863.



This preview shows how white text looks on a background with the Hex color BBC863.

# Color Blindness Simulation

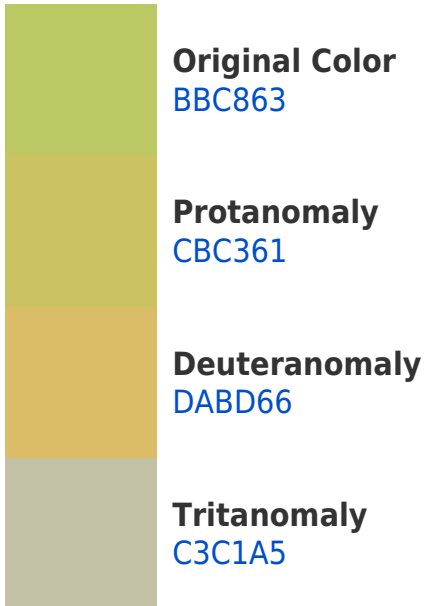
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC863 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 #BBC863 looks like.

```
.text, #text, p{  
    color:#BBC863  
}
```

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 #BBC863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC863
}
```

## Border

The CSS property to change the border of an element to Hex BBC863 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
#BBC863 }
```

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

```
.border{ border-color:#BBC863 }
```

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

Here you see how a box with a 4 pixel #BBC863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC863; -webkit-box-shadow:4px 4px  
4px 4px #BBC863; box-shadow:4px 4px 4px  
4px #BBC863 }
```

# Background

The CSS property to change the background color of an element to Hex BBC863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC863 }
```

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

```
.background{ background-color:#BBC863 }
```

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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