

# Converting Colors

Hex(BBC590)

Have a look what the booklet for  
Hex(BBC590) contains.

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# **Color**

**Hex(BBC590)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBC590
RGB	187, 197, 144
RGB Percent	73%, 77%, 56%
CMY	0.2667, 0.2275, 0.4353
CMYK	0.05, 0.00, 0.27, 0.23
HSL	71°, 31%, 67%
HSV	71°, 27%, 77%
XYZ	45.4938, 52.5109, 34.1234
YIQ	187.9680, 11.0530, -18.6030

# Conversions

## Conversions Part 2

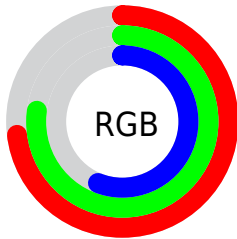
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 197, 154
Decimal	12305808
CIELab	77.59, -12.27, 25.50
CIElCh	78, 28.300, 115.687
Yxy	52.5109, 0.3443, 0.3974
Android (android.graphics.Color)	4290495888 (0xFFBBC590)
YUV	187.9680, -21.6762, -0.8489
Hunter-Lab	72.4644, -14.7488, 22.8055

# Details

The Hex color **BBC590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A90C5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **F4FEC6**, and **858F5D** is the 20% darker color. If you saturate the color by 10%, you get **B7C57C**, and if you desaturate by 10%, it is **BFC5A4**.

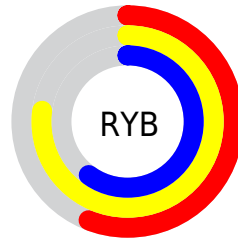
# Distribution



Red (73%)

Green (77%)

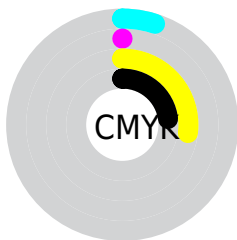
Blue (56%)



Red (56%)

Yellow (77%)

Blue (60%)

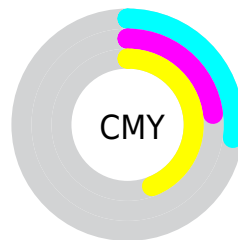


Cyan (5%)

Magenta (0%)

Yellow (27%)

Black (23%)



Cyan (27%)

Magenta (23%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBC590 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 BBC590 by changing the saturation by 10% instead.



 BBC590

 BBC590

FFFFFF

 A0AA76

 F4FEC6

 858F5D

 FFFFFE2

 6C7645

 535D2E

 3B4518

 252F00

 0B1B00

 000000

 BBC590

 BBC590

 B7C57C

 BFC5A4

 B4C569

 C2C5B7

 B0C555

 C6C5CB

 ACC541

 CAC5DF

 A8C52E

 CEC5F3

 A5C51A

 D1C5FF

 A1C506

 D5C5FF

 A0C500

 D9C5FF

 DCC5FF

# Harmonies

## Analogous

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



D6BD8C



BBC590



9DCBA1

# Triad

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



BBC590



7BCAEA



F1ADC5

# Complementary

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



BBC590



9A90C5

# 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.



DEB2DE



BBC590



9AC3F3

# Square

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



BBC590



72CED5



BFBAEF



F5AEAA

# Rectangle

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



BBC590



8ACEB2



BFBAEF



ECAECD



# Sweetspot

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



BBC590



FBFFEB



C59A90



7D8073



000000



808080

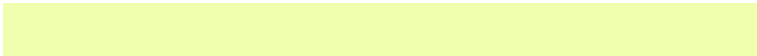


# Same Dimension

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



BBC590



F0FFAD



A1C590



62635A



84A300



1D2400



# Inverse Universe

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



9A90C5



BDADFF



B490C5



5B5A63



1F00A3



070024



# Previews

## White Background



This preview shows how the Hex color BBC590 looks on a white background.

## Color Contrast Check

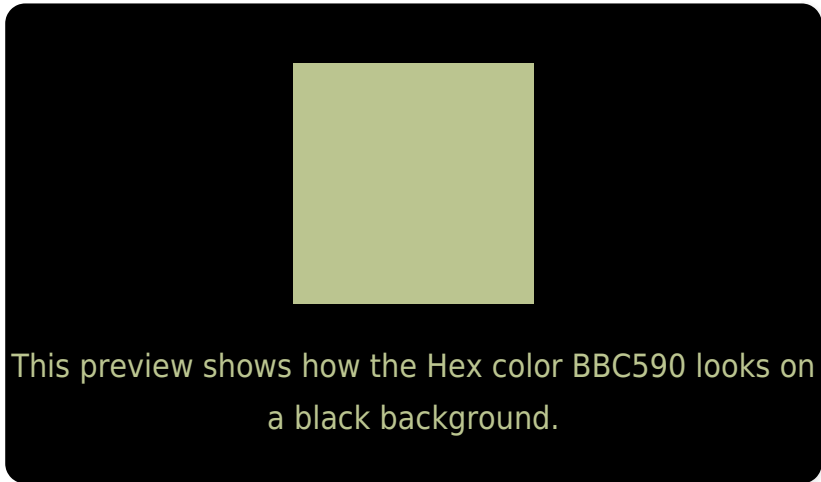
Large Text (above 18pt) WCAG AA × Fail

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

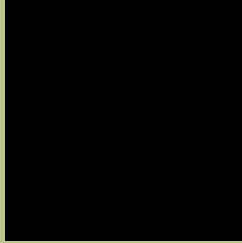
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBC590 Background



This preview shows how black text looks on a background with the Hex color BBC590.

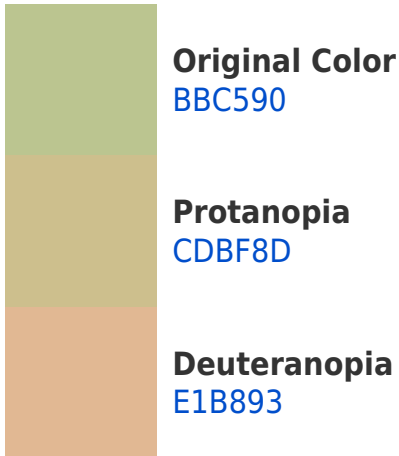


This preview shows how white text looks on a background with the Hex color BBC590.

# Color Blindness Simulation

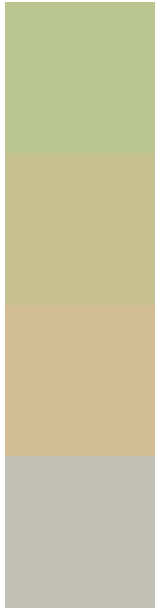
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
BBC590

**Protanomaly**  
C6C18E

**Deuteranomaly**  
D3BD92

**Tritanomaly**  
C0C0B6

# Monochromacy



**Original Color**  
BBC590

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BCBFAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBC590 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 #BBC590 looks like.

```
.text, #text, p{  
    color:#BBC590  
}
```

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 #BBC590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBC590
}
```

## Border

The CSS property to change the border of an element to Hex BBC590 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
#BBC590 }
```

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

```
.border{ border-color:#BBC590 }
```

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

Here you see how a box with a 4 pixel #BBC590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBC590; -webkit-box-shadow:4px 4px  
4px 4px #BBC590; box-shadow:4px 4px 4px  
4px #BBC590 }
```

# Background

The CSS property to change the background color of an element to Hex BBC590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBC590 }
```

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

```
.background{ background-color:#BBC590 }
```

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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