

# Converting Colors

Hex(BCC554)

Have a look what the booklet for  
Hex(BCC554) contains.

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# **Color**

**Hex(BCC554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCC554
RGB	188, 197, 84
RGB Percent	74%, 77%, 33%
CMY	0.2627, 0.2275, 0.6706
CMYK	0.05, 0.00, 0.57, 0.23
HSL	65°, 49%, 55%
HSV	65°, 57%, 77%
XYZ	42.3055, 51.2640, 16.0527
YIQ	181.4270, 30.9090, -37.0510

# Conversions

## Conversions Part 2

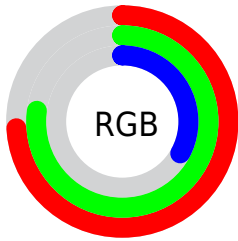
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 197, 93
Decimal	12371284
CIELab	76.84, -18.41, 54.41
CIELCh	77, 57.440, 108.691
Yxy	51.2640, 0.3859, 0.4676
Android (android.graphics.Color)	4290561364 (0xFFBCC554)
YUV	181.4270, -48.0315, 5.7645
Hunter-Lab	71.5989, -19.8279, 36.8262

# Details

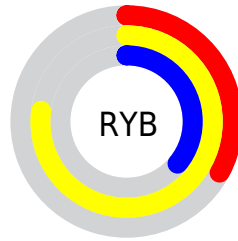
The Hex color **BCC554** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **5D54C5**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **F6FE89**, and **848F1D** is the 20% darker color. If you saturate the color by 10%, you get **BAC540**, and if you desaturate by 10%, it is **BEC568**.

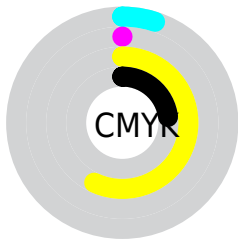
# Distribution



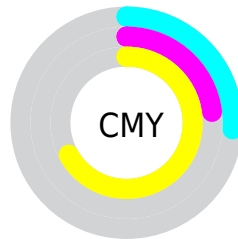
- Red (74%)
- Green (77%)
- Blue (33%)



- Red (33%)
- Yellow (77%)
- Blue (36%)



- Cyan (5%)
- Magenta (0%)
- Yellow (57%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCC554 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 BCC554 by changing the saturation by 10% instead.



 BCC554

 BCC554

FFFFFF

 A0AA39

 F6FE89

 848F1D

 FFFFA5

 697600

 FFFFC1

 4F5D00

 FFFFDD

 354600

 FFFFFA

 1B2F00

 001C00

 000000

 BCC554

 BCC554

 BAC540

 BEC568

 B9C52D

 BFC57B

 B7C519

 C1C58F

 B6C505

 C2C5A3

 B5C500

 C4C5B7

 C5C5CA

 C7C5DE

 C9C5F2

 CAC5FF

# Harmonies

## Analogous

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



EEB453



BCC554



7ED175

# Triad

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



BCC554



00D4FF



FF92D4

# Complementary

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



BCC554



5D54C5

# 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.



EBA2FF



BCC554



00C9FF

# Square

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



BCC554



00D8DE



A0B8FF



FF929E

# Rectangle

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



BCC554



43D695



A0B8FF



FF96E5



# Sweetspot

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



BCC554



FCFFD4



C55C54



7D8066



000000



808080



# Same Dimension

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



BCC554



F1FF4F



85C554



63635A



96A300



212400



# Inverse Universe

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



5D54C5



5D4FFF



9454C5



5A5A63



0D00A3



030024



# Previews

## White Background



This preview shows how the Hex color BCC554 looks on a white background.

## Color Contrast Check

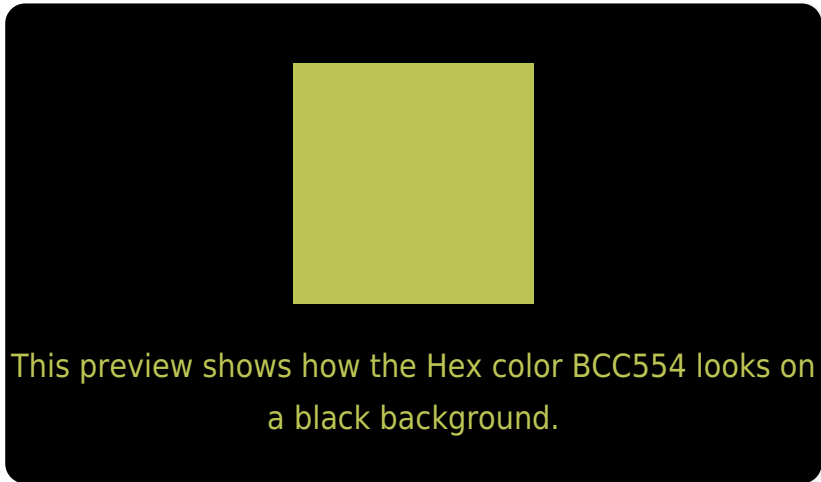
Large Text (above 18pt) WCAG AA × Fail

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

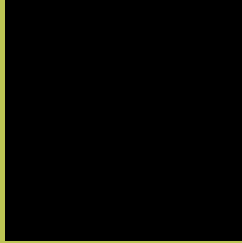
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCC554 Background



This preview shows how black text looks on a background with the Hex color BCC554.



This preview shows how white text looks on a background with the Hex color BCC554.

# 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



**Original Color**  
BCC554

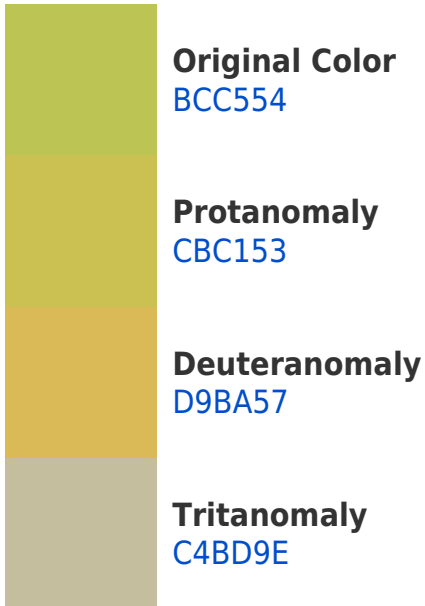
**Protanopia**  
D3BE52

**Deuteranopia**  
EAB459



**Tritanopia**  
C8B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCC554 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 #BCC554 looks like.

```
.text, #text, p{  
    color:#BCC554  
}
```

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 #BCC554 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC554
}
```

## Border

The CSS property to change the border of an element to Hex BCC554 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
#BCC554 }
```

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

```
.border{ border-color:#BCC554 }
```

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

Here you see how a box with a 4 pixel #BCC554 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC554; -webkit-box-shadow:4px 4px  
4px 4px #BCC554; box-shadow:4px 4px 4px  
4px #BCC554 }
```

# Background

The CSS property to change the background color of an element to Hex BCC554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC554 }
```

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

```
.background{ background-color:#BCC554 }
```

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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