

# Converting Colors

Hex(BCC702)

Have a look what the booklet for  
Hex(BCC702) contains.

<b>Hex(BCC702)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(BCC702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCC702
RGB	188, 199, 2
RGB Percent	74%, 78%, 1%
CMY	0.2627, 0.2196, 0.9922
CMYK	0.06, 0.00, 0.99, 0.22
HSL	63°, 98%, 39%
HSV	63°, 99%, 78%
XYZ	41.1734, 51.5426, 7.8361
YIQ	173.2530, 56.6810, -63.5990

# Conversions

## Conversions Part 2

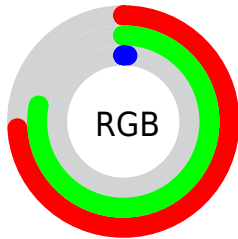
Format	Color
R <sub>Y</sub> B	2, 199, 13
Decimal	12371714
CIE Lab	77.01, -22.57, 77.17
CIE LCh	77, 80.397, 106.302
Yxy	51.5426, 0.4095, 0.5126
Android (android.graphics.Color)	4290561794 (0xFFBCC702)
YUV	173.2530, -84.4277, 12.9331
Hunter-Lab	71.7932, -23.2682, 43.7838

# Details

The Hex color **BCC702** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **0D02C7**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F8FF54**, and **829100** is the 20% darker color. If you saturate the color by 10%, you get **BCC700**, and if you desaturate by 10%, it is **BDC716**.

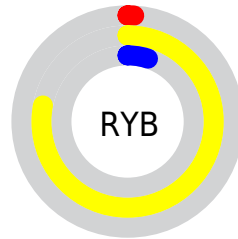
# Distribution



Red (74%)

Green (78%)

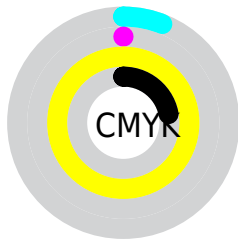
Blue (1%)



Red (1%)

Yellow (78%)

Blue (5%)

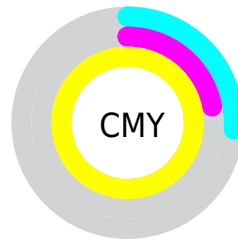


Cyan (6%)

Magenta (0%)

Yellow (99%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCC702 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 BCC702 by changing the saturation by 10% instead.



 BCC702

 BCC702

FFFFFF

 9FAC00

 F8FF54

 829100

 FFFF71

 667800

 FFFF8E

 4A5F00

 FFFFAB

 2F4700

 FFFFC8

 143100

 FFFF E5

 001E00

 000000

 BCC702

 BCC702

 BCC700

 BDC716

 BEC72A

 BFC73E

 C0C752

 C2C766

 C3C779

 C4C78D

 C5C7A1

 C6C7B5

# Harmonies

## Analogous

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



FEAE12



BCC702



62D74F

# Triad

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



BCC702



00DDFF



FF79E3

# Complementary

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



BCC702



0D02C7

# 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.



F497FF



BCC702



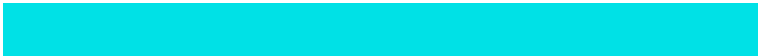
00D0FF

# Square

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



BCC702



00E1E6



72B9FF



FF7599

# Rectangle

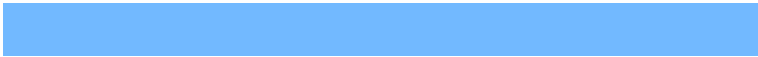
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BCC702



00DD7F



72B9FF



FF81FB



# Sweetspot

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



BCC702



FBFFB3



C70C02



7D8052



000000



808080



# Same Dimension

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



BCC702



F1FF00



5BC702



63635A



9AA300



222400



# Inverse Universe

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



0D02C7



0E00FF



6E02C7



5A5A63



0900A3



020024



# Previews

## White Background



This preview shows how the Hex color BCC702 looks on a white background.

## Color Contrast Check

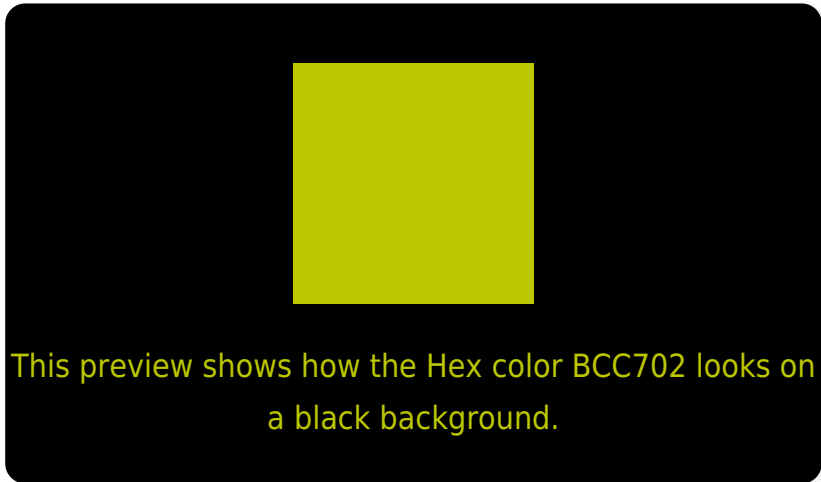
Large Text (above 18pt) WCAG AA × Fail

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 BCC702 Background



This preview shows how black text looks on a background with the Hex color BCC702.



This preview shows how white text looks on a background with the Hex color BCC702.

# 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**  
BCC702

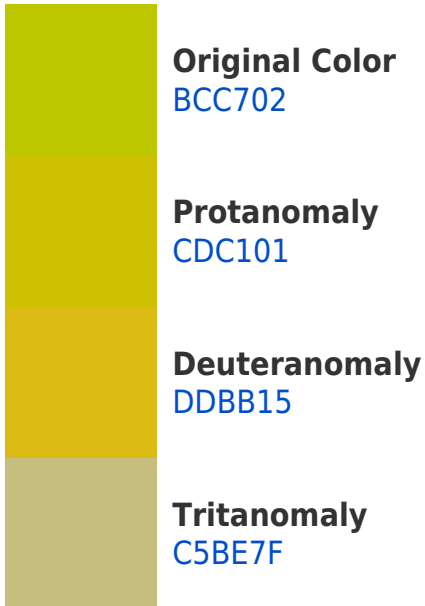
**Protanopia**  
D6BE00

**Deuteranopia**  
F0B420



**Tritanopia**  
CAB9C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCC702 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 #BCC702 looks like.

```
.text, #text, p{  
    color:#BCC702  
}
```

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 #BCC702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC702
}
```

## Border

The CSS property to change the border of an element to Hex BCC702 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
#BCC702 }
```

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

```
.border{ border-color:#BCC702 }
```

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

Here you see how a box with a 4 pixel #BCC702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC702; -webkit-box-shadow:4px 4px  
4px 4px #BCC702; box-shadow:4px 4px 4px  
4px #BCC702 }
```

# Background

The CSS property to change the background color of an element to Hex BCC702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC702 }
```

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

```
.background{ background-color:#BCC702 }
```

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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