

Converting Colors

Hex(BCC606)

Have a look what the booklet for
Hex(BCC606) contains.

Hex(BCC606)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(BCC606)

Conversions

Conversions Part 1

Format	Color
Hex	BCC606
RGB	188, 198, 6
RGB Percent	74%, 78%, 2%
CMY	0.2627, 0.2235, 0.9765
CMYK	0.05, 0.00, 0.97, 0.22
HSL	63°, 94%, 40%
HSV	63°, 97%, 78%
XYZ	40.9660, 51.0927, 7.8750
YIQ	173.1220, 55.6720, -61.8320

Conversions

Conversions Part 2

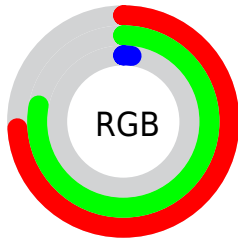
Format	Color
RYB	6, 198, 16
Decimal	12371462
CIELab	76.74, -22.03, 76.56
CIELCh	77, 79.667, 106.056
Yxy	51.0927, 0.4099, 0.5113
Android (android.graphics.Color)	4290561542 (0xFFBCC606)
YUV	173.1220, -82.3911, 13.0480
Hunter-Lab	71.4791, -22.7869, 43.5033

Details

The Hex color **BCC606** 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 **1006C6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **F8FF55**, and **829000** is the 20% darker color. If you saturate the color by 10%, you get **BCC600**, and if you desaturate by 10%, it is **BDC61A**.

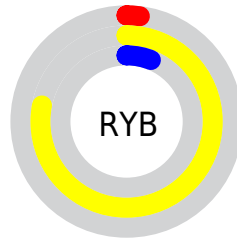
Distribution



Red (74%)

Green (78%)

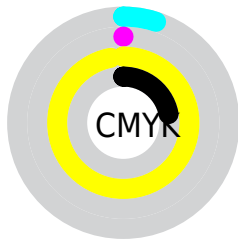
Blue (2%)



Red (2%)

Yellow (78%)

Blue (6%)

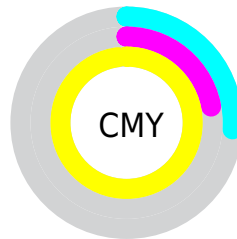


Cyan (5%)

Magenta (0%)

Yellow (97%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCC606 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 BCC606 by changing the saturation by 10% instead.

 BCC606

 BCC606

FFFFFF

 9FAB00

 F8FF55

 829000

 FFFF72

 667700

 FFFF8F

 4A5E00

 FFFFAB

 2F4700

 FFFFC9

 143000

 FFFF E6

 001D00

 000000

 BCC606

 BCC606

 BCC600

 BDC61A

 BEC62E

 BFC641

 C0C655

 C1C669

 C2C67D

 C3C691

 C4C6A4

 C5C6B8

Harmonies

Analogous

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



FEAD16



BCC606



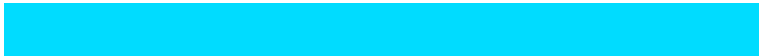
63D64F

Triad

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



BCC606



00DCFF



FF79E3

Complementary

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



BCC606



1006C6

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.



F297FF



BCC606



00D0FF

Square

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



BCC606



00E0E4



71B8FF



FF7599

Rectangle

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



BCC606



00DC7E



71B8FF



FF81FB

Sweetspot

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



BCC606



FBFFB5



C61006



7D8053



000000



808080

Same Dimension

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



BCC606



F2FF00



5CC606



63635A



9BA300



222400

Inverse Universe

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



1006C6



0D00FF



7006C6



5A5A63



0800A3



020024

Previews

White Background



This preview shows how the Hex color BCC606 looks on a white background.

Color Contrast Check

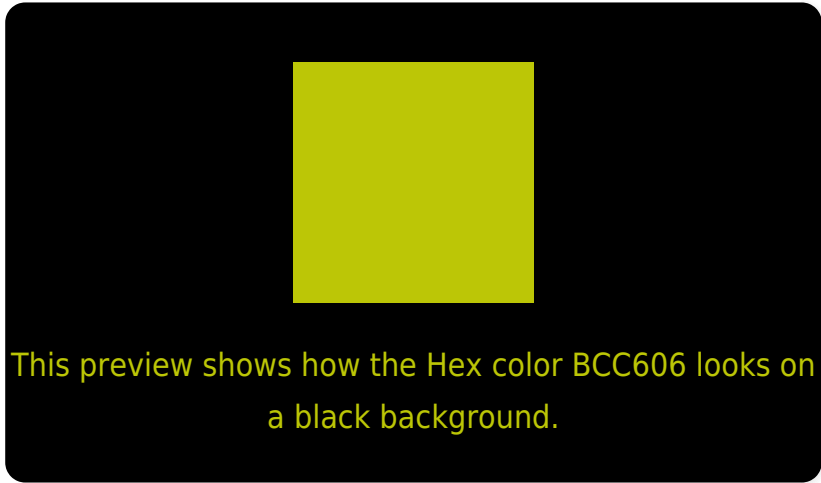
Large Text (above 18pt) WCAG AA × Fail

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 BCC606 Background



This preview shows how black text looks on a background with the Hex color BCC606.



This preview shows how white text looks on a background with the Hex color BCC606.

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
BCC606

Deuteranomaly
DCBA17

Tritanomaly
C5BD80

Monochromacy



Original Color
BCC606

Achromatopsia
ADADAD

Achromatomaly
B2B670

CSS Examples

Text

The CSS property to change the color of the text to Hex BCC606 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 #BCC606 looks like.

```
.text, #text, p{  
    color:#BCC606  
}
```

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 #BCC606 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCC606
}
```

Border

The CSS property to change the border of an element to Hex BCC606 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
#BCC606 }
```

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

```
.border{ border-color:#BCC606 }
```

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

Here you see how a box with a 4 pixel #BCC606 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCC606; -webkit-box-shadow:4px 4px  
4px 4px #BCC606; box-shadow:4px 4px 4px  
4px #BCC606 }
```

Background

The CSS property to change the background color of an element to Hex BCC606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCC606 }
```

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

```
.background{ background-color:#BCC606 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor