

Converting Colors

Hex(B0C600)

Have a look what the booklet for
Hex(B0C600) contains.

Hex(B0C600)	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>	29

Color

Hex(B0C600)

Conversions

Conversions Part 1

Format	Color
Hex	B0C600
RGB	176, 198, 0
RGB Percent	69%, 78%, 0%
CMY	0.3098, 0.2235, 1.0000
CMYK	0.11, 0.00, 1.00, 0.22
HSL	67°, 100%, 39%
HSV	67°, 100%, 78%
XYZ	38.0986, 49.6183, 7.5693
YIQ	168.8500, 50.4460, -66.2420

Conversions

Conversions Part 2

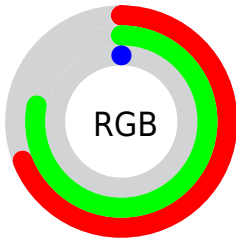
Format	Color
RYB	0, 198, 22
Decimal	11585024
CIELab	75.83, -27.18, 76.10
CIELCh	76, 80.806, 109.653
Yxy	49.6183, 0.3998, 0.5207
Android (android.graphics.Color)	4289775104 (0xFFB0C600)
YUV	168.8500, -83.2430, 6.2706
Hunter-Lab	70.4402, -26.7262, 42.9371

Details

The Hex color **B0C600** 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 **1600C6**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **EBFF53**, and **779000** is the 20% darker color. If you saturate the color by 10%, you get **B0C600**, and if you desaturate by 10%, it is **B2C614**.

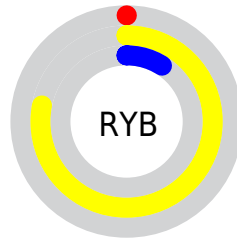
Distribution



Red (69%)

Green (78%)

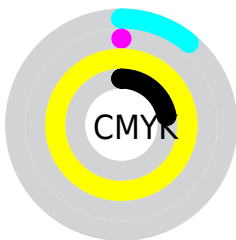
Blue (0%)



Red (0%)

Yellow (78%)

Blue (9%)

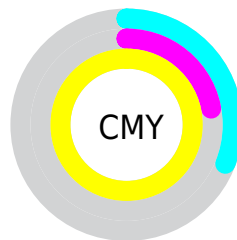


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (31%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B0C600 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 B0C600 by changing the saturation by 10% instead.

 B0C600

 B0C600

FFFFFF

 93AB00

 EBFF53

 779000

 FFFF70

 5B7700

 FFFF8D

 3F5E00

 FFFFA9

 224600

 FFFFC7

 032F00

 FFFFE4

 001D00

 000000

 B0C600

 B2C614

 B4C628

 B7C63B

 B9C64F

 BBC663

 BDC677

 BFC68B

 C2C69E

 C4C6B2

Harmonies

Analogous

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



F4AE00



B0C600



4ED553

Triad

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



B0C600



00D9FF



FF72D8

Complementary

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



B0C600



1600C6

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.



FB90FF



B0C600



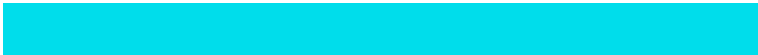
00CBFF

Square

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



B0C600



00DDEB



83B2FF



FF728D

Rectangle

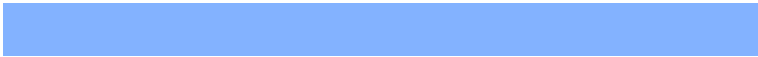
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B0C600



00DA84



83B2FF



FF7AF0

Sweetspot

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



B0C600



F7FFB3



C61400



7A8052



000000



808080

Same Dimension

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



B0C600



E3FF00



4FC600



62635A



91A300



202400

Inverse Universe

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



1600C6



1C00FF



7700C6



5B5A63



1200A3



040024

Previews

White Background



This preview shows how the Hex color B0C600 looks on a white background.

Color Contrast Check

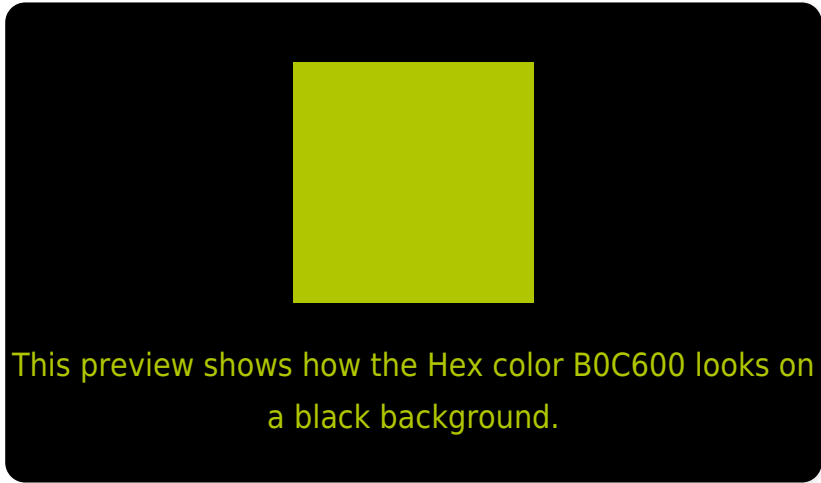
Large Text (above 18pt) WCAG AA × Fail

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 B0C600 Background



This preview shows how black text looks on a background with the Hex color B0C600.



This preview shows how white text looks on a background with the Hex color B0C600.

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
B0C600

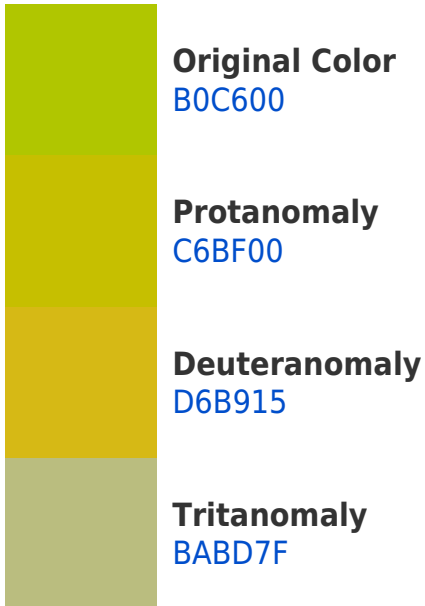
Protanopia
D3BB00

Deuteranopia
EBB121

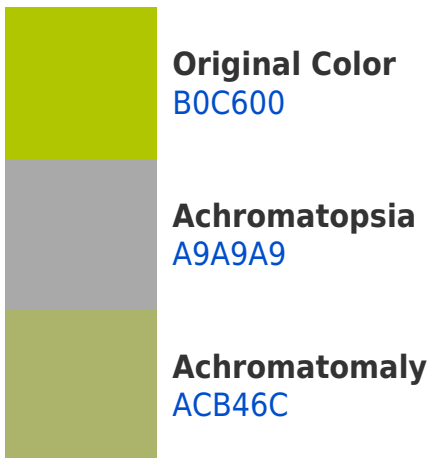


Tritanopia
BFB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B0C600 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 #B0C600 looks like.

```
.text, #text, p{  
    color:#B0C600  
}
```

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 #B0C600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C600
}
```

Border

The CSS property to change the border of an element to Hex B0C600 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
#B0C600 }
```

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

```
.border{ border-color:#B0C600 }
```

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

Here you see how a box with a 4 pixel #B0C600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C600; -webkit-box-shadow:4px 4px  
4px 4px #B0C600; box-shadow:4px 4px 4px  
4px #B0C600 }
```

Background

The CSS property to change the background color of an element to Hex B0C600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C600 }
```

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

```
.background{ background-color:#B0C600 }
```

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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