

Converting Colors

Hex(4BC600)

Have a look what the booklet for
Hex(4BC600) contains.

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Color

Hex(4BC600)

Conversions

Conversions Part 1

Format	Color
Hex	4BC600
RGB	75, 198, 0
RGB Percent	29%, 78%, 0%
CMY	0.7059, 0.2235, 1.0000
CMYK	0.62, 0.00, 1.00, 0.22
HSL	97°, 100%, 39%
HSV	97°, 100%, 78%
XYZ	23.0957, 41.8840, 6.8672
YIQ	138.6510, -9.7500, -87.6540

Conversions

Conversions Part 2

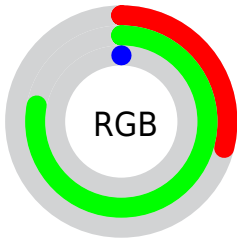
Format	Color
RYB	0, 198, 123
Decimal	4965888
CIELab	70.79, -62.09, 70.03
CIELCh	71, 93.590, 131.561
Yxy	41.8840, 0.3215, 0.5830
Android (android.graphics.Color)	4283155968 (0xFF4BC600)
YUV	138.6510, -68.3549, -55.8219
Hunter-Lab	64.7179, -49.5553, 39.0113

Details

The Hex color **4BC600** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **7B00C6**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AFF50**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **4BC600**, and if you desaturate by 10%, it is **57C614**.

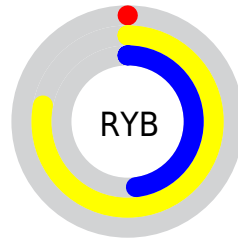
Distribution



Red (29%)

Green (78%)

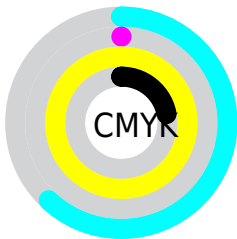
Blue (0%)



Red (0%)

Yellow (78%)

Blue (48%)

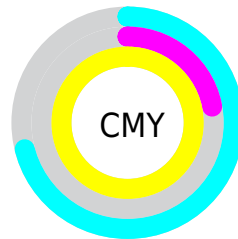


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BC600 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 4BC600 by changing the saturation by 10% instead.

 4BC600

 4BC600

FFFFFF

 23AA00

 8AFF50

 008F00

 A9FF6D

 007400

 C7FF8A

 005A00

 E5FFA6

 004100

 FFFFC3

 002A00

 FFFFE1

 000500

FFFFFFE

 000000

 4BC600

 57C614

 64C628

 70C63B

 7CC64F

 89C663

 95C677

 A1C68B

 ADC69E

 BAC6B2

Harmonies

Analogous

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



B3B400



4BC600



00CF74

Triad

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



4BC600



00C5FF



FF4290

Complementary

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



4BC600



7B00C6

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.



FF53E5



4BC600



00ADFF

Square

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



4BC600



00D0FF



D785FF



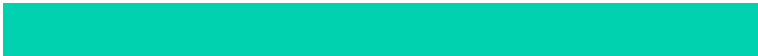
FF6A3E

Rectangle

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



4BC600



00D2AF



D785FF



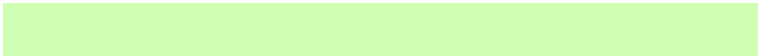
FF3FAD

Sweetspot

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



4BC600



CFFFB3



C67A00



638052



000000



808080

Same Dimension

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



4BC600



61FF00



00C617



5D635A



3EA300



0E2400

Inverse Universe

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



7B00C6



9E00FF



C600AF



605A63



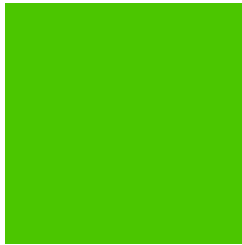
6500A3



160024

Previews

White Background



This preview shows how the Hex color 4BC600 looks on a white background.

Color Contrast Check

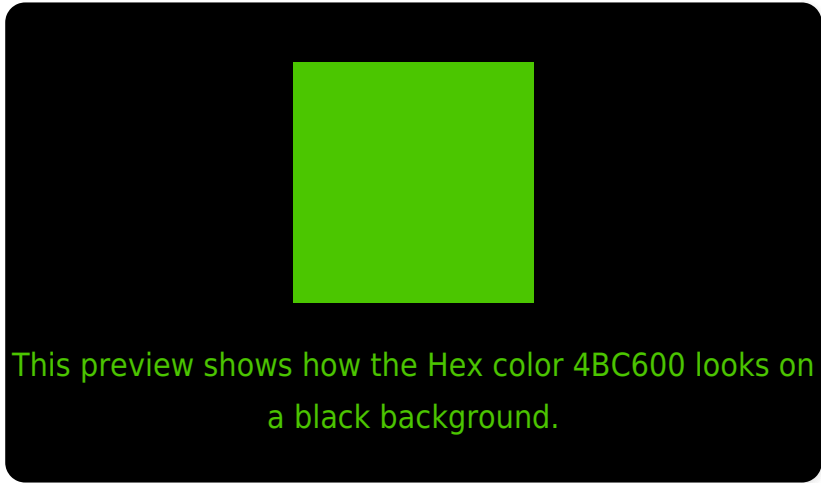
Large Text (above 18pt) WCAG AA × Fail

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 4BC600 Background



This preview shows how black text looks on a background with the Hex color 4BC600.

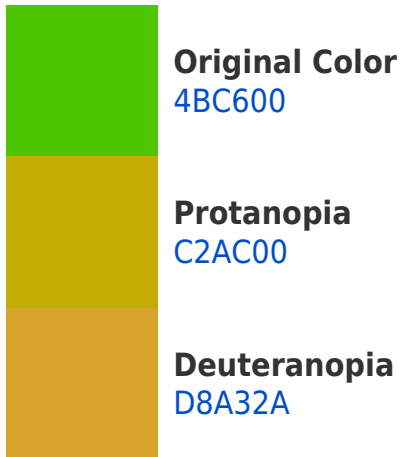


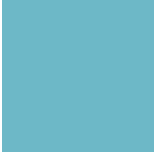
This preview shows how white text looks on a background with the Hex color 4BC600.

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





Tritanopia
6DB8C7

Trichromacy



Original Color
4BC600



Protanomaly
97B500



Deuteranomaly
A5B01B



Tritanomaly
61BD7F

Monochromacy



Original Color
4BC600



Achromatopsia
8B8B8B



Achromatomaly
74A058

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BC600 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 #4BC600 looks like.

```
.text, #text, p{  
    color:#4BC600  
}
```

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 #4BC600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC600
}
```

Border

The CSS property to change the border of an element to Hex 4BC600 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
#4BC600 }
```

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

```
.border{ border-color:#4BC600 }
```

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

Here you see how a box with a 4 pixel #4BC600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC600; -webkit-box-shadow:4px 4px  
4px 4px #4BC600; box-shadow:4px 4px 4px  
4px #4BC600 }
```

Background

The CSS property to change the background color of an element to Hex 4BC600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC600 }
```

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

```
.background{ background-color:#4BC600 }
```

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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