

Converting Colors

Hex(4BCD00)

Have a look what the booklet for
Hex(4BCD00) contains.

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Color

Hex(4BCD00)

Conversions

Conversions Part 1

Format	Color
Hex	4BCD00
RGB	75, 205, 0
RGB Percent	29%, 80%, 0%
CMY	0.7059, 0.1961, 1.0000
CMYK	0.63, 0.00, 1.00, 0.20
HSL	98°, 100%, 40%
HSV	98°, 100%, 80%
XYZ	24.7330, 45.1585, 7.4129
YIQ	142.7600, -11.6750, -91.3150

Conversions

Conversions Part 2

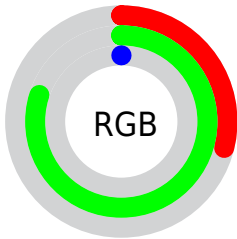
Format	Color
RYB	0, 205, 130
Decimal	4967680
CIELab	73.00, -64.39, 71.78
CIELCh	73, 96.425, 131.895
Yxy	45.1585, 0.3199, 0.5842
Android (android.graphics.Color)	4283157760 (0xFF4BCD00)
YUV	142.7600, -70.3807, -59.4255
Hunter-Lab	67.2001, -51.9032, 40.4997

Details

The Hex color **4BCD00** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **8200CD**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8CFF52**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **4BCD00**, and if you desaturate by 10%, it is **58CD14**.

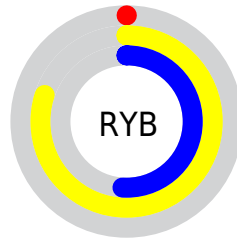
Distribution



Red (29%)

Green (80%)

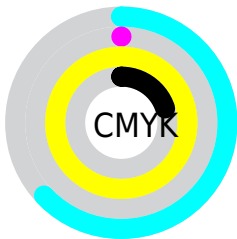
Blue (0%)



Red (0%)

Yellow (80%)

Blue (51%)

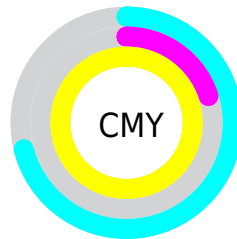


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (71%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BCD00 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 4BCD00 by changing the saturation by 10% instead.

 4BCD00

 4BCD00

FFFFFF

 21B100

 8CFF52

 009500

 AAFF6F

 007B00

 C9FF8C

 006000

 E7FFA9

 004700

 FFFFC6

 003000

 FFFF E3

 001200

 000000

 4BCD00

 58CD14

 65CD29

 72CD3E

 7FCD52

 8CCD67

 99CD7B

 A6CD90

 B3CDA4

 C0CDB9

Harmonies

Analogous

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



B8BA00



4BCD00



00D678

Triad

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



4BCD00



00CCFF



FF4394

Complementary

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



4BCD00



8200CD

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.



FF55EC



4BCD00



00B3FF

Square

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



4BCD00



00D7FF



E089FF



FF6E3F

Rectangle

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



4BCD00



00D9B7



E089FF



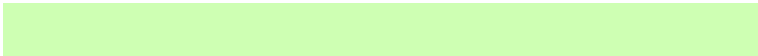
FF40B2

Sweetspot

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



4BCD00



CEFFB3



CD8200



628052



000000



808080

Same Dimension

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



4BCD00



5DFF00



00CD1B



60665C



3DA600



0E2600

Inverse Universe

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



8200CD



A200FF



CD00B2



625C66



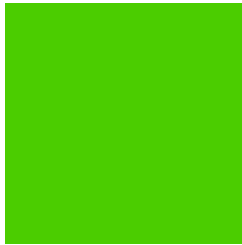
6900A6



180026

Previews

White Background



This preview shows how the Hex color 4BCD00 looks on a white background.

Color Contrast Check

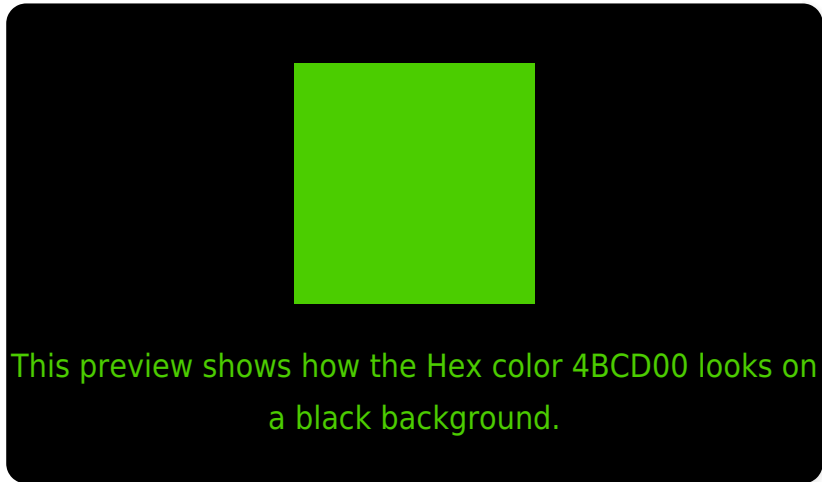
Large Text (above 18pt) WCAG AA × Fail

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 4BCD00 Background



This preview shows how black text looks on a background with the Hex color 4BCD00.

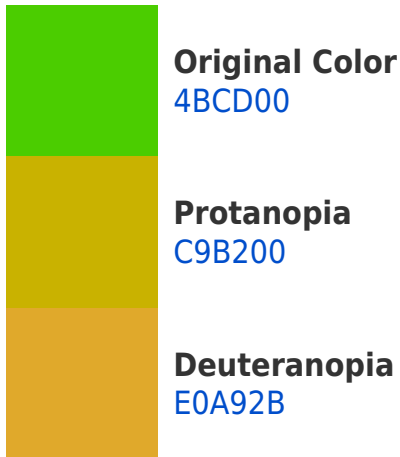


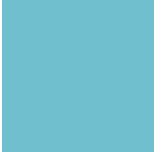
This preview shows how white text looks on a background with the Hex color 4BCD00.

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
6FBFCE

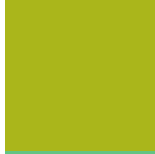
Trichromacy



Original Color
4BCD00



Protanomaly
9BBC00



Deuteranomaly
AAB61B



Tritanomaly
62C483

Monochromacy



Original Color
4BCD00



Achromatopsia
8F8F8F



Achromatomaly
76A65B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BCD00 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 #4BCD00 looks like.

```
.text, #text, p{  
    color:#4BCD00  
}
```

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 #4BCD00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCD00
}
```

Border

The CSS property to change the border of an element to Hex 4BCD00 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
#4BCD00 }
```

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

```
.border{ border-color:#4BCD00 }
```

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

Here you see how a box with a 4 pixel #4BCD00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCD00; -webkit-box-shadow:4px 4px  
4px 4px #4BCD00; box-shadow:4px 4px 4px  
4px #4BCD00 }
```

Background

The CSS property to change the background color of an element to Hex 4BCD00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCD00 }
```

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

```
.background{ background-color:#4BCD00 }
```

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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