

Converting Colors

Hex(4BCA10)

Have a look what the booklet for
Hex(4BCA10) contains.

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Color

Hex(4BCA10)

Conversions

Conversions Part 1

Format	Color
Hex	4BCA10
RGB	75, 202, 16
RGB Percent	29%, 79%, 6%
CMY	0.7059, 0.2078, 0.9373
CMYK	0.63, 0.00, 0.92, 0.21
HSL	101°, 85%, 43%
HSV	101°, 92%, 79%
XYZ	24.1157, 43.7743, 7.6685
YIQ	142.8230, -15.9860, -84.7700

Conversions

Conversions Part 2

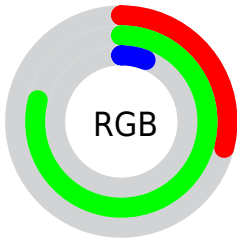
Format	Color
R _{YB}	16, 202, 143
Decimal	4966928
CIE Lab	72.08, -63.11, 69.26
CIE LCh	72, 93.702, 132.337
Yxy	43.7743, 0.3192, 0.5793
Android (android.graphics.Color)	4283157008 (0xFF4BCA10)
YUV	142.8230, -62.5237, -59.4808
Hunter-Lab	66.1622, -50.7216, 39.4416

Details

The Hex color **4BCA10** 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 **8F10CA**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **8BFF56**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **40CA00**, and if you desaturate by 10%, it is **59CA24**.

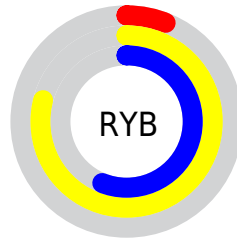
Distribution



Red (29%)

Green (79%)

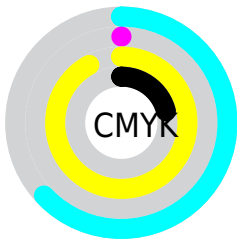
Blue (6%)



Red (6%)

Yellow (79%)

Blue (56%)

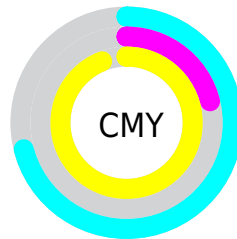


Cyan (63%)

Magenta (0%)

Yellow (92%)

Black (21%)



Cyan (71%)

Magenta (21%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BCA10 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 4BCA10 by changing the saturation by 10% instead.

 4BCA10

 4BCA10

FFFFFF

 22AE00

 8BFF56

 009300

 A9FF73

 007800

 C8FF8F

 005E00

 E6FFAC

 004500

 FFFFC9

 002D00

 FFFFE6

 000E00

 000000

 4BCA10

 4BCA10

 40CA00

 59CA24

 67CA38

 74CA4D

 82CA61

 90CA75

 9ECA89

 ACCA9D

 B9CAB2

 C7CAC6

Harmonies

Analogous

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



B4B800



4BCA10



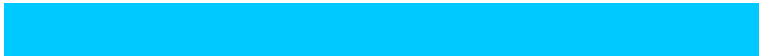
00D379

Triad

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



4BCA10



00C9FF



FF4791

Complementary

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



4BCA10



8F10CA

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.



FF57E7



4BCA10



00B0FF

Square

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



4BCA10



00D4FF



DE87FF



FF6F3F

Rectangle

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



4BCA10



00D6B5



DE87FF



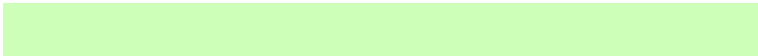
FF44AE

Sweetspot

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



4BCA10



CEFFB8



CA8C10



628054



000000



808080

Same Dimension

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



4BCA10



51FF00



10CA2F



5F665C



35A600



0C2600

Inverse Universe

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



8F10CA



AE00FF



CA10AB



635C66



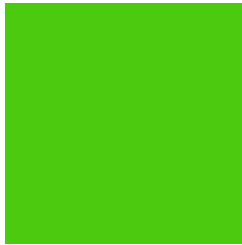
7100A6



1A0026

Previews

White Background



This preview shows how the Hex color 4BCA10 looks on a white background.

Color Contrast Check

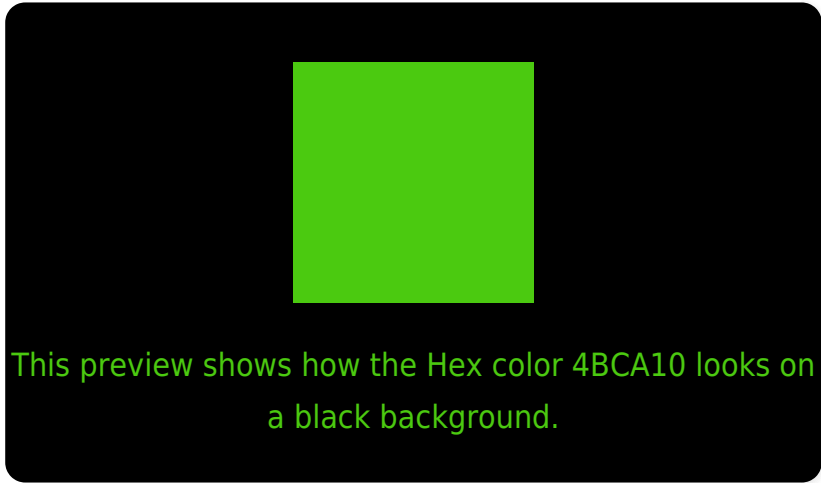
Large Text (above 18pt) WCAG AA × Fail

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 4BCA10 Background



This preview shows how black text looks on a background with the Hex color 4BCA10.

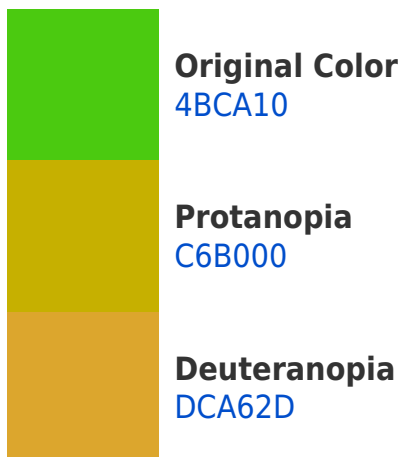


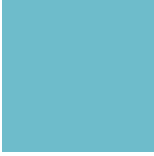
This preview shows how white text looks on a background with the Hex color 4BCA10.

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
6EBCCB

Trichromacy



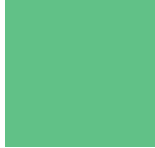
Original Color
4BCA10



Protanomaly
99B906



Deuteranomaly
A7B322



Tritanomaly
61C187

Monochromacy



Original Color
4BCA10



Achromatopsia
8F8F8F



Achromatomaly
76A461

CSS Examples

Text

The CSS property to change the color of the text to Hex 4BCA10 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 #4BCA10 looks like.

```
.text, #text, p{  
    color:#4BCA10  
}
```

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 #4BCA10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCA10
}
```

Border

The CSS property to change the border of an element to Hex 4BCA10 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
#4BCA10 }
```

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

```
.border{ border-color:#4BCA10 }
```

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

Here you see how a box with a 4 pixel #4BCA10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCA10; -webkit-box-shadow:4px 4px  
4px 4px #4BCA10; box-shadow:4px 4px 4px  
4px #4BCA10 }
```

Background

The CSS property to change the background color of an element to Hex 4BCA10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCA10 }
```

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

```
.background{ background-color:#4BCA10 }
```

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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