

Converting Colors

Hex(3BCA48)

Have a look what the booklet for
Hex(3BCA48) contains.

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Color

Hex(3BCA48)

Conversions

Conversions Part 1

Format	Color
Hex	3BCA48
RGB	59, 202, 72
RGB Percent	23%, 79%, 28%
CMY	0.7686, 0.2078, 0.7176
CMYK	0.71, 0.00, 0.64, 0.21
HSL	125°, 57%, 51%
HSV	125°, 71%, 79%
XYZ	24.0939, 43.6387, 13.2841
YIQ	144.4230, -43.4980, -70.7460

Conversions

Conversions Part 2

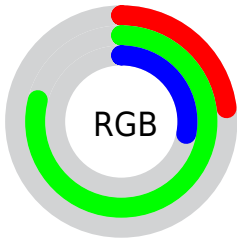
Format	Color
RYB	59, 190, 202
Decimal	3918408
CIELab	71.99, -62.81, 52.51
CIELCh	72, 81.866, 140.106
Yxy	43.6387, 0.2974, 0.5386
Android (android.graphics.Color)	4282108488 (0xFF3BCA48)
YUV	144.4230, -35.7045, -74.9160
Hunter-Lab	66.0596, -50.5002, 34.3189

Details

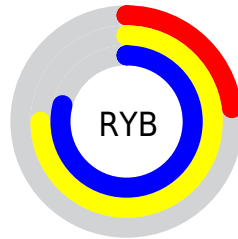
The Hex color **3BCA48** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **CA3BBD**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7DFF7D**, and **00920A** is the 20% darker color. If you saturate the color by 10%, you get **27CA36**, and if you desaturate by 10%, it is **4FCA5A**.

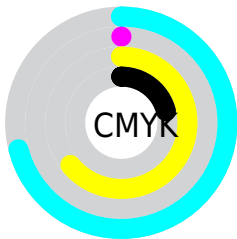
Distribution



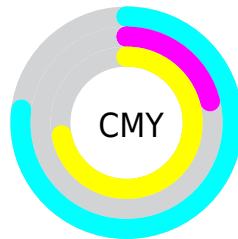
- Red (23%)
- Green (79%)
- Blue (28%)



- Red (23%)
- Yellow (75%)
- Blue (79%)



- Cyan (71%)
- Magenta (0%)
- Yellow (64%)
- Black (21%)



- Cyan (77%)
- Magenta (21%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BCA48 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 3BCA48 by changing the saturation by 10% instead.

 3BCA48

 3BCA48

FFFFFF

 00AE2D

 7DFF7D

 00920A

 9CFF99

 007800

 BAFFB5

 005E00

 D8FFD1

 004400

 F7FFEE

 002D00

 000D00

 000000

 3BCA48

 3BCA48

■ 27CA36

■ 4FCA5A

■ 13CA23

■ 63CA6D

■ 00CA12

■ 78CA7F

■ 8CCA91

■ A0CAA4

■ B4CAB6

■ C8CAC9

■ DDCADB

■ F1CAED

Harmonies

Analogous

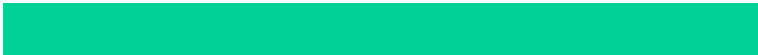
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3BC00



3BCA48



00D194

Triad

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



3BCA48



00C1FF



FF6582

Complementary

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



3BCA48



CA3BBD

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.



FF64CD



3BCA48



77A7FF

Square

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



3BCA48



00CEFF



F184FF



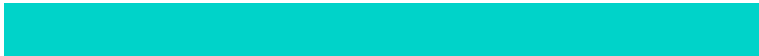
FF843D

Rectangle

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



3BCA48



00D3C9



F184FF



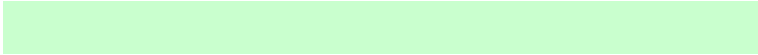
FF609A

Sweetspot

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



3BCA48



C9FFCE



BECA3B



608063



000000



808080

Same Dimension

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



3BCA48



26FF3A



3BCA8E



5C665D



00A60F



002603

Inverse Universe

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



CA3BBD



FF26EB



CA3B77



665C65



A60097



260023

Previews

White Background



This preview shows how the Hex color 3BCA48 looks on a white background.

Color Contrast Check

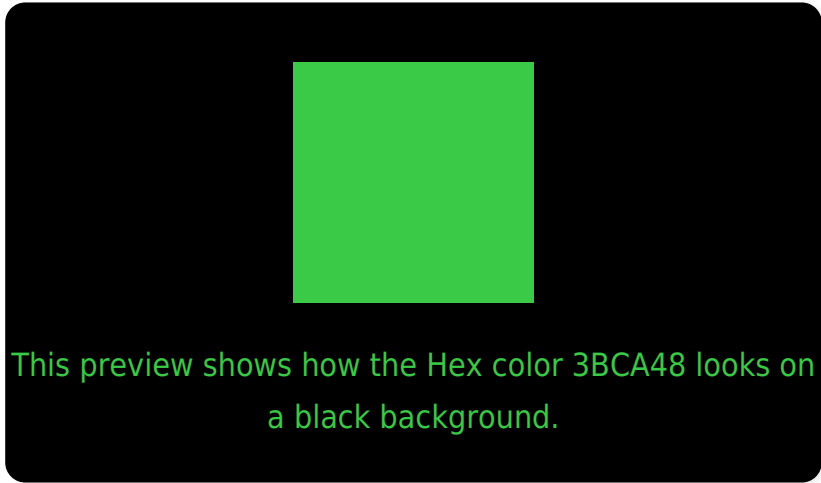
Large Text (above 18pt) WCAG AA × Fail

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 3BCA48 Background



This preview shows how black text looks on a background with the Hex color 3BCA48.

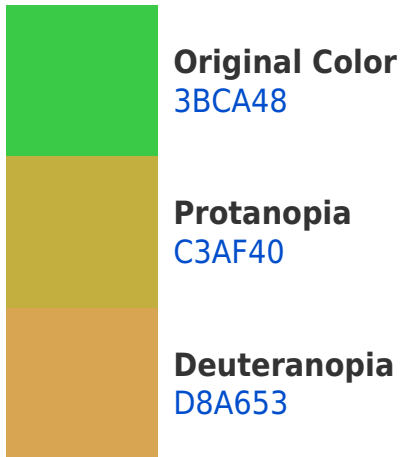


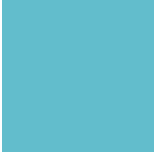
This preview shows how white text looks on a background with the Hex color 3BCA48.

Color Blindness Simulation

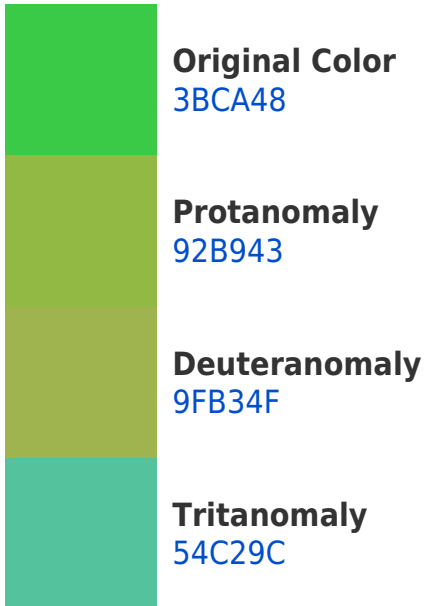
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

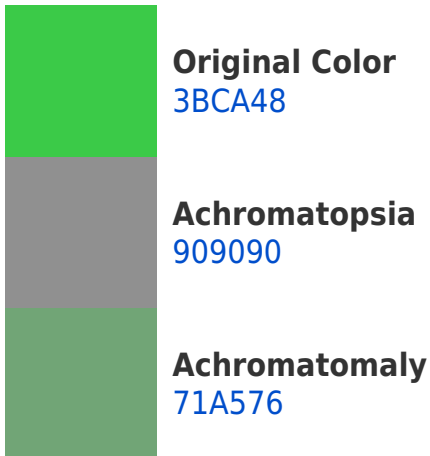




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BCA48 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 #3BCA48 looks like.

```
.text, #text, p{  
    color:#3BCA48  
}
```

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 #3BCA48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCA48  
}
```

Border

The CSS property to change the border of an element to Hex 3BCA48 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  
#3BCA48 }
```

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

```
.border{ border-color:#3BCA48 }
```

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

Here you see how a box with a 4 pixel #3BCA48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCA48; -webkit-box-shadow:4px 4px  
4px 4px #3BCA48; box-shadow:4px 4px 4px  
4px #3BCA48 }
```

Background

The CSS property to change the background color of an element to Hex 3BCA48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCA48 }
```

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

```
.background{ background-color:#3BCA48 }
```

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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