

Converting Colors

Hex(3BC107)

Have a look what the booklet for
Hex(3BC107) contains.

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Color

Hex(3BC107)

Conversions

Conversions Part 1

Format	Color
Hex	3BC107
RGB	59, 193, 7
RGB Percent	23%, 76%, 3%
CMY	0.7686, 0.2431, 0.9725
CMYK	0.69, 0.00, 0.96, 0.24
HSL	103°, 93%, 39%
HSV	103°, 96%, 76%
XYZ	20.9119, 39.0851, 6.6430
YIQ	131.7300, -20.1580, -86.2540

Conversions

Conversions Part 2

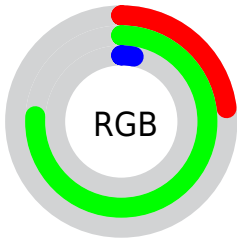
Format	Color
RYB	7, 193, 141
Decimal	3916039
CIELab	68.81, -63.72, 67.49
CIELCh	69, 92.824, 133.354
Yxy	39.0851, 0.3138, 0.5865
Android (android.graphics.Color)	4282106119 (0xFF3BC107)
YUV	131.7300, -61.4919, -63.7842
Hunter-Lab	62.5181, -49.6993, 37.4626

Details

The Hex color **3BC107** 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 **8D07C1**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7EFB51**, and **008A00** is the 20% darker color. If you saturate the color by 10%, you get **36C100**, and if you desaturate by 10%, it is **49C11A**.

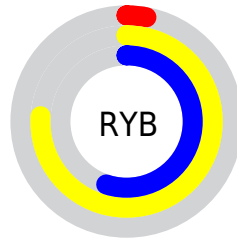
Distribution



Red (23%)

Green (76%)

Blue (3%)



Red (3%)

Yellow (76%)

Blue (55%)

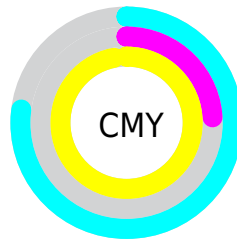


Cyan (69%)

Magenta (0%)

Yellow (96%)

Black (24%)



Cyan (77%)

Magenta (24%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC107 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 3BC107 by changing the saturation by 10% instead.



3BC107



3BC107

FFFFFF



00A500



7EFB51



008A00



9CFF6E



006F00



BBFF8A



005600



D9FFA7



003D00



F8FFC3



002500



FFFFE1



000000

FFFFFFE



3BC107



3BC107

■ 36C100

■ 49C11A

■ 57C12E

■ 65C141

■ 73C154

■ 81C167

■ 8EC17B

■ 9CC18E

■ AAC1A1

■ B8C1B5

Harmonies

Analogous

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



A8B000



3BC107



00C974

Triad

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



3BC107



00BFFF



FF3D86

Complementary

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



3BC107



8D07C1

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.



FF4BDA



3BC107



00A6FF

Square

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



3BC107



00CAFF



D87DFF



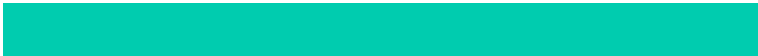
FF6835

Rectangle

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



3BC107



00CCAF



D87DFF



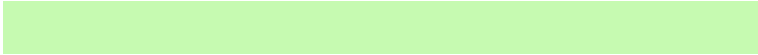
FF38A2

Sweetspot

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



3BC107



C6FAB1



C18C07



5D7D51



FCFCFC



7D7D7D

Same Dimension

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



3BC107



46FA00



07C12F



5A6157



2DA100



092100

Inverse Universe

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



8D07C1



B400FA



C10799



5E5761



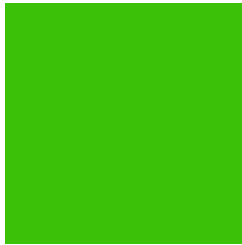
7400A1



180021

Previews

White Background



This preview shows how the Hex color 3BC107 looks on a white background.

Color Contrast Check

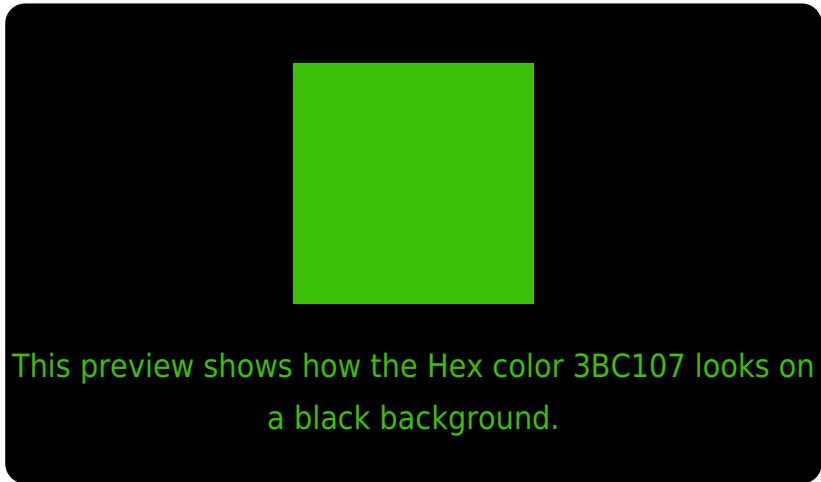
Large Text (above 18pt) WCAG AA × Fail

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

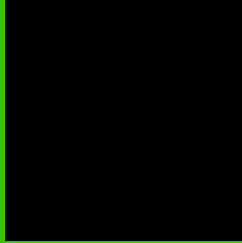
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

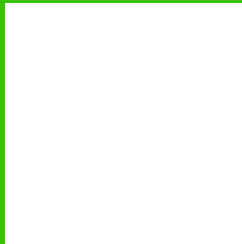
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3BC107 Background



This preview shows how black text looks on a background with the Hex color 3BC107.

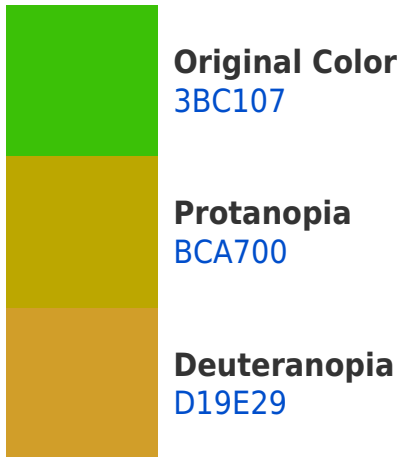


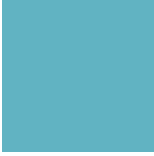
This preview shows how white text looks on a background with the Hex color 3BC107.

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
61B3C2

Trichromacy



Original Color
3BC107



Protanomaly
8DB003



Deuteranomaly
9AAB1D



Tritanomaly
53B87E

Monochromacy



Original Color
3BC107



Achromatopsia
848484



Achromatomaly
699A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC107 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 #3BC107 looks like.

```
.text, #text, p{  
    color:#3BC107  
}
```

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 #3BC107 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC107
}
```

Border

The CSS property to change the border of an element to Hex 3BC107 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
#3BC107 }
```

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

```
.border{ border-color:#3BC107 }
```

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

Here you see how a box with a 4 pixel #3BC107 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC107; -webkit-box-shadow:4px 4px  
4px 4px #3BC107; box-shadow:4px 4px 4px  
4px #3BC107 }
```

Background

The CSS property to change the background color of an element to Hex 3BC107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC107 }
```

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

```
.background{ background-color:#3BC107 }
```

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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