

# Converting Colors

Hex(3BBC3B)

Have a look what the booklet for  
Hex(3BBC3B) contains.

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**Color**

**Hex(3BBC3B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BBC3B
RGB	59, 188, 59
RGB Percent	23%, 74%, 23%
CMY	0.7686, 0.2627, 0.7686
CMYK	0.69, 0.00, 0.69, 0.26
HSL	120°, 52%, 48%
HSV	120°, 69%, 74%
XYZ	20.5763, 37.2120, 10.2358
YIQ	134.7230, -35.4750, -67.4670

# Conversions

## Conversions Part 2

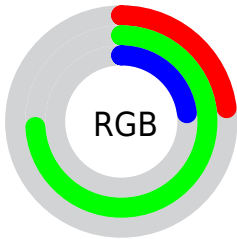
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 188, 188
Decimal	3914811
CIELab	67.44, -59.41, 52.92
CIElCh	67, 79.561, 138.310
Yxy	37.2120, 0.3025, 0.5470
Android (android.graphics.Color)	4282104891 (0xFF3BBC3B)
YUV	134.7230, -37.3314, -66.4091
Hunter-Lab	61.0017, -46.5436, 32.7525

# Details

The Hex color **3BBC3B** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BC3BBC**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7BF571**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **28BC28**, and if you desaturate by 10%, it is **4EBC4E**.

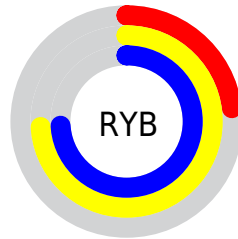
# Distribution



Red (23%)

Green (74%)

Blue (23%)



Red (23%)

Yellow (74%)

Blue (74%)

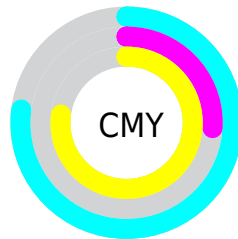


Cyan (69%)

Magenta (0%)

Yellow (69%)

Black (26%)



Cyan (77%)

Magenta (26%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BBC3B 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 3BBC3B by changing the saturation by 10% instead.





3BBC3B



3BBC3B

FFFFFF



06A01E



7BF571



008500



99FF8C



006B00



B7FFA7



005100



D5FFC3



003900



F3FFE0



002100

FFFFFFD



000000



3BBC3B



3BBC3B



28BC28



4EBC4E

 15BC15

 61BC61

 03BC03

 73BC73

 00BC00

 86BC86

 99BC99

 ACBCAC

 BFBCBF

 D1BCD1

 E4BCE4

# Harmonies

## Analogous

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



9BAE00



3BBC3B



00C385

# Triad

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



3BBC3B



00B5FF



FF597C

# Complementary

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



3BBC3B



BC3BBC

# 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.



FF5BC3



3BBC3B



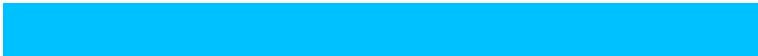
5F9DFF

# Square

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



3BBC3B



00C1FF



DD7BFF



FF7739

# Rectangle

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



3BBC3B



00C5B7



DD7BFF



FF5593

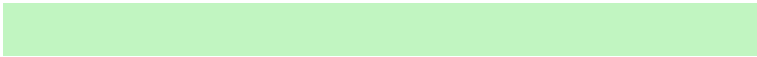


# Sweetspot

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



3BBC3B



C1F5C1



BCBC3B



5C7A5C



FAFAFA



7A7A7A



# Same Dimension

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



3BBC3B



2CF52C



3BBC7C



555E55



009E00



001F00



# Inverse Universe

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



BC3BBC



F52CF5



BC3B7C



5E555E



9E009E



1F001F



# Previews

## White Background



This preview shows how the Hex color 3BBC3B looks on a white background.

## Color Contrast Check

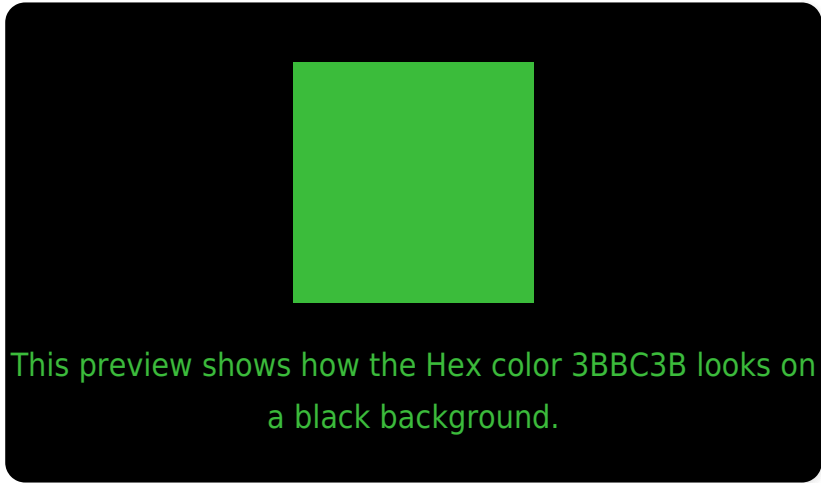
Large Text (above 18pt) WCAG AA × Fail

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

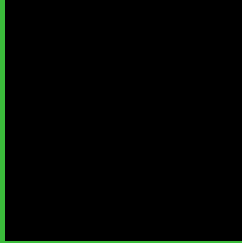
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BBC3B Background



This preview shows how black text looks on a background with the Hex color 3BBC3B.

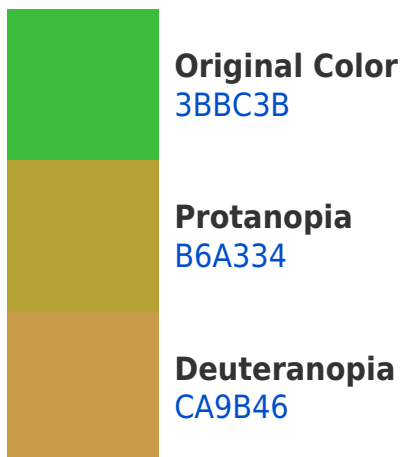


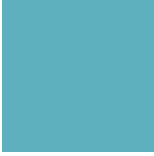
This preview shows how white text looks on a background with the Hex color 3BBC3B.

# 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



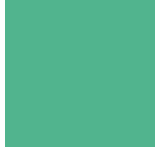
**Original Color**  
3BBC3B



**Protanomaly**  
89AC37



**Deuteranomaly**  
96A742



**Tritanomaly**  
51B48E

# Monochromacy



**Original Color**  
3BBC3B



**Achromatopsia**  
878787



**Achromatomaly**  
6B9A6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BBC3B 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 #3BBC3B looks like.

```
.text, #text, p{  
    color:#3BBC3B  
}
```

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 #3BBC3B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBC3B
}
```

## Border

The CSS property to change the border of an element to Hex 3BBC3B 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
#3BBC3B }
```

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

```
.border{ border-color:#3BBC3B }
```

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

Here you see how a box with a 4 pixel #3BBC3B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBC3B; -webkit-box-shadow:4px 4px  
4px 4px #3BBC3B; box-shadow:4px 4px 4px  
4px #3BBC3B }
```

# Background

The CSS property to change the background color of an element to Hex 3BBC3B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBC3B }
```

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

```
.background{ background-color:#3BBC3B }
```

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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