

# Converting Colors

Hex(3BC567)

Have a look what the booklet for  
Hex(3BC567) contains.

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# Color

**Hex(3BC567)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BC567
RGB	59, 197, 103
RGB Percent	23%, 77%, 40%
CMY	0.7686, 0.2275, 0.5961
CMYK	0.70, 0.00, 0.48, 0.23
HSL	139°, 54%, 50%
HSV	139°, 70%, 77%
XYZ	24.2181, 41.8416, 19.6318
YIQ	145.0220, -52.0740, -58.4900

# Conversions

## Conversions Part 2

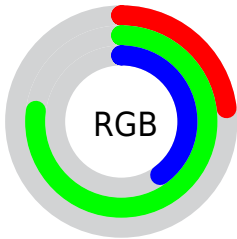
Format	Color
<a href="#">RYB</a>	<a href="#">59, 164, 197</a>
Decimal	<a href="#">3917159</a>
CIELab	<a href="#">70.76, -56.99, 36.60</a>
CIElCh	<a href="#">71, 67.730, 147.289</a>
Yxy	<a href="#">41.8416, 0.2826, 0.4883</a>
Android (android.graphics.Color)	<a href="#">4282107239 (0xFF3BC567)</a>
YUV	<a href="#">145.0220, -20.7168, -75.4413</a>
Hunter-Lab	<a href="#">64.6851, -46.3685, 27.2852</a>

# Details

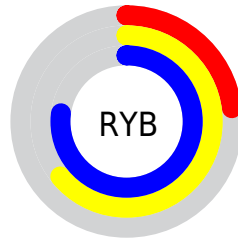
The Hex color **3BC567** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C53B99**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **7BFF9B**, and **008E35** is the 20% darker color. If you saturate the color by 10%, you get **27C55A**, and if you desaturate by 10%, it is **4FC574**.

# Distribution



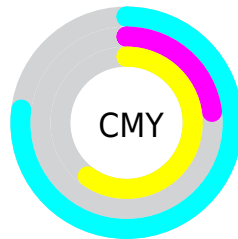
- Red (23%)
- Green (77%)
- Blue (40%)



- Red (23%)
- Yellow (64%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BC567 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 3BC567 by changing the saturation by 10% instead.





3BC567



3BC567

FFFFFF



04A94E



7BFF9B



008E35



99FFB7



00731D



B7FFD3



005A01



D5FFE7



004000



F3FFFF



002A00



000500



000000



3BC567



3BC567

 27C55A

 4FC574

 14C54C

 62C582

 00C53F

 76C58F

 8AC59D

 9EC5AA

 B1C5B8

 C5C5C5

 D9C5D2

 ECC5E0

# Harmonies

## Analogous

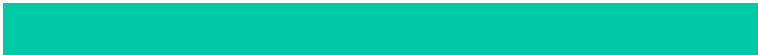
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BA34



3BC567



00CAA5

# Triad

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



3BC567



00B6FF



FF7978

# Complementary

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



3BC567



C53B99

# 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.



FF73B5



3BC567



A39FFF

# Square

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



3BC567



00C4FF



F284F1



FF9044

# Rectangle

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



3BC567



00CBD0



F284F1



FF748C

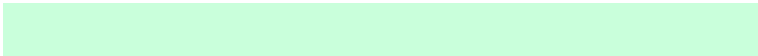


# Sweetspot

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



3BC567



C9FFDB



99C53B



60806A



000000



808080



# Same Dimension

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



3BC567



29FF6D



3BC5AC



5A635D



00A334



00240B



# Inverse Universe

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



C53B99



FF29BB



C53B54



635A60



A3006F

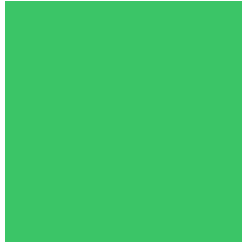


240018



# Previews

## White Background



This preview shows how the Hex color 3BC567 looks on a white background.

## Color Contrast Check

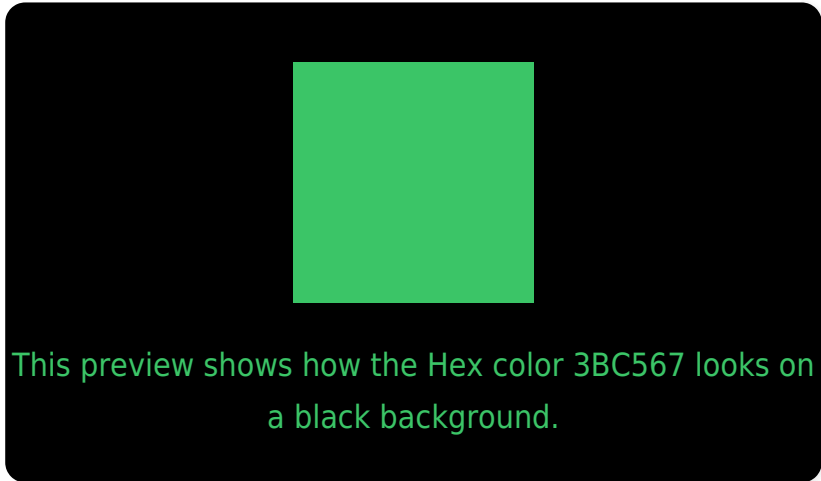
Large Text (above 18pt) WCAG AA × Fail

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

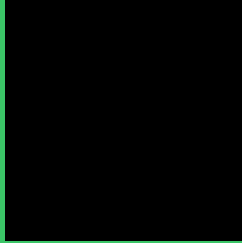
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BC567 Background



This preview shows how black text looks on a background with the Hex color 3BC567.

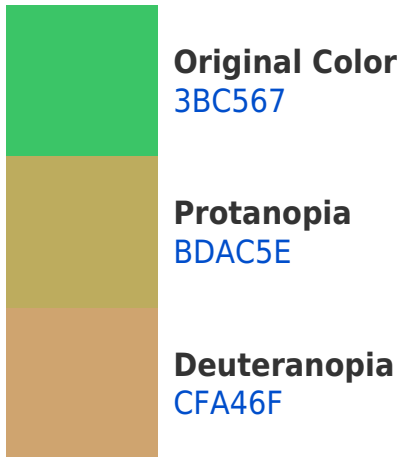


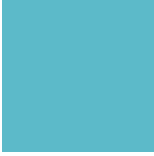
This preview shows how white text looks on a background with the Hex color 3BC567.

# 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



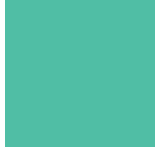
**Original Color**  
3BC567



**Protanomaly**  
8EB561



**Deuteranomaly**  
99B06C



**Tritanomaly**  
50BEA5

# Monochromacy



**Original Color**  
3BC567



**Achromatopsia**  
919191



**Achromatomaly**  
72A482

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BC567 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 #3BC567 looks like.

```
.text, #text, p{  
    color:#3BC567  
}
```

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 #3BC567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC567
}
```

## Border

The CSS property to change the border of an element to Hex 3BC567 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
#3BC567 }
```

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

```
.border{ border-color:#3BC567 }
```

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

Here you see how a box with a 4 pixel #3BC567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC567; -webkit-box-shadow:4px 4px  
4px 4px #3BC567; box-shadow:4px 4px 4px  
4px #3BC567 }
```

# Background

The CSS property to change the background color of an element to Hex 3BC567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC567 }
```

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

```
.background{ background-color:#3BC567 }
```

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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