

# Converting Colors

Hex(5BC371)

Have a look what the booklet for  
Hex(5BC371) contains.

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**Color**

**Hex(5BC371)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BC371
RGB	91, 195, 113
RGB Percent	36%, 76%, 44%
CMY	0.6431, 0.2353, 0.5569
CMYK	0.53, 0.00, 0.42, 0.24
HSL	133°, 46%, 56%
HSV	133°, 53%, 76%
XYZ	26.8101, 42.4466, 22.4028
YIQ	154.5560, -35.6620, -47.5500

# Conversions

## Conversions Part 2

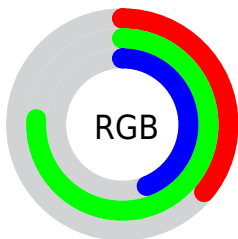
Format	Color
<a href="#">RYB</a>	<a href="#">91, 177, 195</a>
Decimal	<a href="#">6013809</a>
CIELab	<a href="#">71.18, -47.85, 32.24</a>
CIELCh	<a href="#">71, 57.699, 146.035</a>
Yxy	<a href="#">42.4466, 0.2925, 0.4631</a>
Android (android.graphics.Color)	<a href="#">4284203889 (0xFF5BC371)</a>
YUV	<a href="#">154.5560, -20.4871, -55.7386</a>
Hunter-Lab	<a href="#">65.1511, -40.5603, 25.2184</a>

# Details

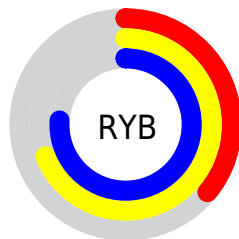
The Hex color **5BC371** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **C35BAD**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **94FCA6**, and **198C3F** is the 20% darker color. If you saturate the color by 10%, you get **48C362**, and if you desaturate by 10%, it is **6EC380**.

# Distribution



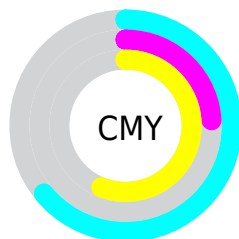
- Red (36%)
- Green (76%)
- Blue (44%)



- Red (36%)
- Yellow (69%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5BC371 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 5BC371 by changing the saturation by 10% instead.



 5BC371

 5BC371

FFFFFF

 3DA758

 94FCA6

 198C3F

 B1FFC1

 007228

 CEFFDD

 00590F

 EBFFFA

 004000

 002B00

 000800

 000000

 5BC371

 5BC371

 48C362

 6EC380

 34C352

 82C390

 20C343

 95C39F

 0DC334

 A9C3AF

 00C329

 BCC3BE

 D0C3CD

 E3C3DD

 F7C3EC

 FFC3FB

# Harmonies

## Analogous

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



9EB94A



5BC371



00C8A5

# Triad

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



5BC371



0DB6FF



FF8483

# Complementary

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



5BC371



C35BAD

# 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.



FF80B7



5BC371



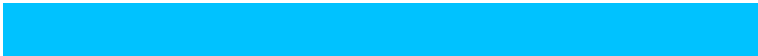
A5A3FF

# Square

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



5BC371



00C2FF



E88EEA



F99558

# Rectangle

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



5BC371



00C8CA



E88EEA



FF8194

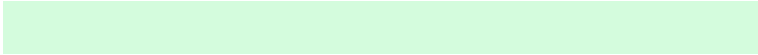


# Sweetspot

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



5BC371



D4FCDD



AEC35B



67806C



000000



808080



# Same Dimension

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



5BC371



5BFC7D



5BC3A4



576159



00A122



002107



# Inverse Universe

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



C35BAD



FC5BDA



C35B7A



61575F



A1007F



21001A



# Previews

## White Background



This preview shows how the Hex color 5BC371 looks on a white background.

## Color Contrast Check

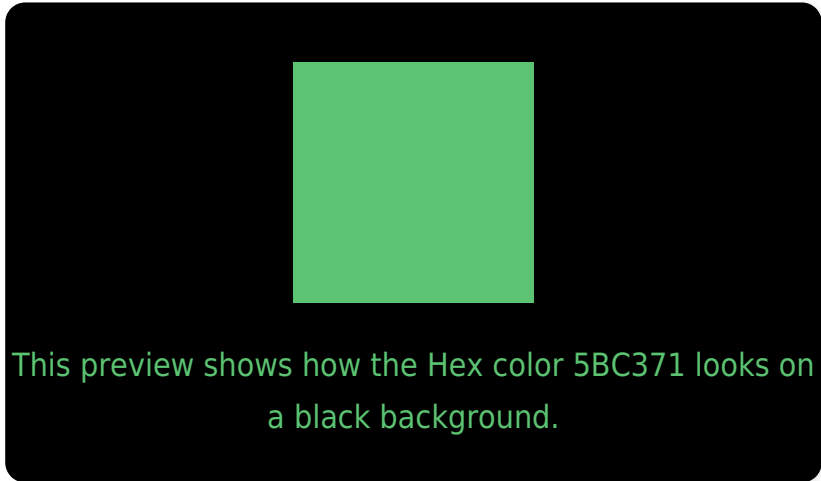
Large Text (above 18pt) WCAG AA × Fail

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

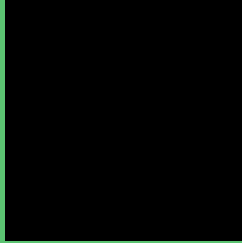
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5BC371 Background



This preview shows how black text looks on a background with the Hex color 5BC371.

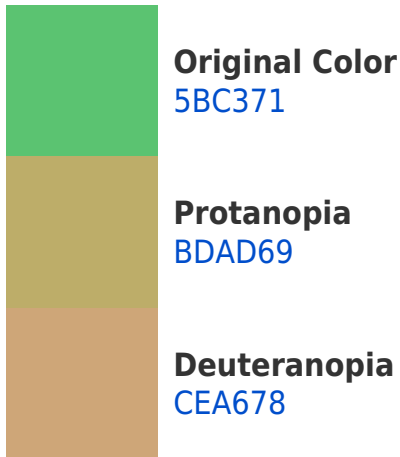


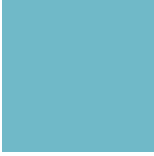
This preview shows how white text looks on a background with the Hex color 5BC371.

# 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**  
70B9C8

# Trichromacy



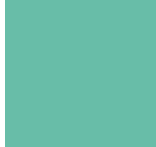
**Original Color**  
5BC371



**Protanomaly**  
99B56C



**Deuteranomaly**  
A4B175



**Tritanomaly**  
68BDA8

# Monochromacy



**Original Color**  
5BC371



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
84AA8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5BC371 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 #5BC371 looks like.

```
.text, #text, p{  
    color:#5BC371  
}
```

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 #5BC371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC371
}
```

## Border

The CSS property to change the border of an element to Hex 5BC371 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
#5BC371 }
```

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

```
.border{ border-color:#5BC371 }
```

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

Here you see how a box with a 4 pixel #5BC371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC371; -webkit-box-shadow:4px 4px  
4px 4px #5BC371; box-shadow:4px 4px 4px  
4px #5BC371 }
```

# Background

The CSS property to change the background color of an element to Hex 5BC371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC371 }
```

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

```
.background{ background-color:#5BC371 }
```

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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