

Converting Colors

Hex(3BC577)

Have a look what the booklet for
Hex(3BC577) contains.

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Color

Hex(3BC577)

Conversions

Conversions Part 1

Format	Color
Hex	3BC577
RGB	59, 197, 119
RGB Percent	23%, 77%, 47%
CMY	0.7686, 0.2275, 0.5333
CMYK	0.70, 0.00, 0.40, 0.23
HSL	146°, 54%, 50%
HSV	146°, 70%, 77%
XYZ	25.0997, 42.1942, 24.2742
YIQ	146.8460, -57.2100, -53.5140

Conversions

Conversions Part 2

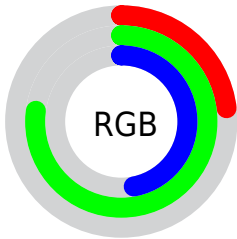
Format	Color
RYB	59, 155, 197
Decimal	3917175
CIELab	71.00, -54.24, 28.74
CIELCh	71, 61.378, 152.083
Yxy	42.1942, 0.2741, 0.4608
Android (android.graphics.Color)	4282107255 (0xFF3BC577)
YUV	146.8460, -13.7281, -77.0409
Hunter-Lab	64.9571, -44.7018, 23.3135

Details

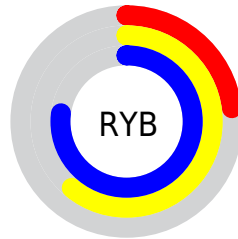
The Hex color **3BC577** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C53B89**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7BFFAC**, and **008E45** is the 20% darker color. If you saturate the color by 10%, you get **27C56C**, and if you desaturate by 10%, it is **4FC582**.

Distribution



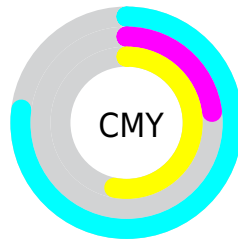
- Red (23%)
- Green (77%)
- Blue (47%)



- Red (23%)
- Yellow (61%)
- Blue (77%)



- Cyan (70%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (77%)
- Magenta (23%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC577 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 3BC577 by changing the saturation by 10% instead.

 3BC577


 3BC577

FFFFFF

 05A95E

 7BFFAC

 008E45

 99FFC7

 00732E

 B7FFE4

 005A17

 D5FFFF

 004100

 F3FFFF

 002B00

 000700

 000000

 3BC577

 3BC577

 27C56C

 4FC582

 14C561

 62C58D

 00C556

 76C598

 8AC5A4

 9EC5AF

 B1C5BA

 C5C5C5

 D9C5D0

 ECC5DB

Harmonies

Analogous

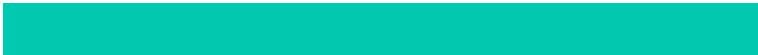
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90BC49



3BC577



00C9B0

Triad

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



3BC577



34B3FF



FF8376

Complementary

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



3BC577



C53B89

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.



FF7BAC



3BC577



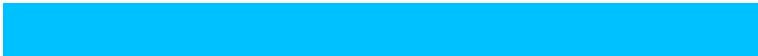
B59DFF

Square

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



3BC577



00C1FF



F587E3



F5974A

Rectangle

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



3BC577



00C9D6



F587E3



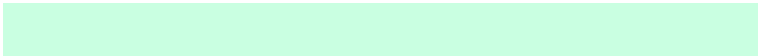
FF7E87

Sweetspot

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



3BC577



C9FFE1



89C53B



60806D



000000



808080

Same Dimension

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



3BC577



29FF86



3BC5BC



5A635E



00A347



002410

Inverse Universe

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



C53B89



FF29A2



C53B44



635A5F



A3005C



240014

Previews

White Background



This preview shows how the Hex color 3BC577 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



This preview shows how the Hex color 3BC577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

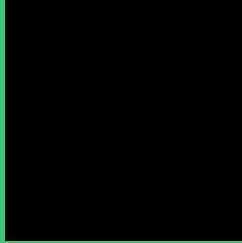
Any Text WCAG AA ✓ Pass

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 3BC577 Background



This preview shows how black text looks on a background with the Hex color 3BC577.

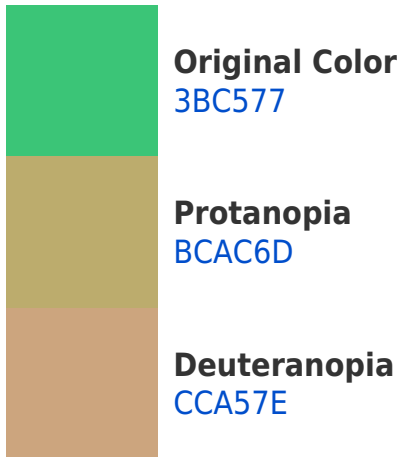


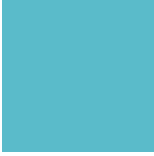
This preview shows how white text looks on a background with the Hex color 3BC577.

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](#).

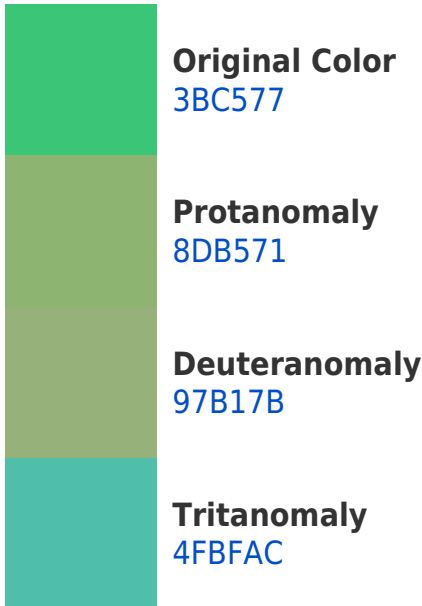
Dichromacy



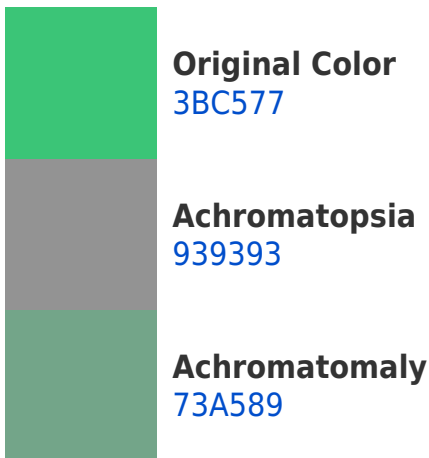


Tritanopia
5ABBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC577 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 #3BC577 looks like.

```
.text, #text, p{  
  color:#3BC577  
}
```

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 #3BC577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC577
}
```

Border

The CSS property to change the border of an element to Hex 3BC577 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
#3BC577 }
```

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

```
.border{ border-color:#3BC577 }
```

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

Here you see how a box with a 4 pixel #3BC577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC577; -webkit-box-shadow:4px 4px  
4px 4px #3BC577; box-shadow:4px 4px 4px  
4px #3BC577 }
```

Background

The CSS property to change the background color of an element to Hex 3BC577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC577 }
```

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

```
.background{ background-color:#3BC577 }
```

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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