

Converting Colors

Hex(3BC378)

Have a look what the booklet for
Hex(3BC378) contains.

Hex(3BC378)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3BC378)

Conversions

Conversions Part 1

Format	Color
Hex	3BC378
RGB	59, 195, 120
RGB Percent	23%, 76%, 47%
CMY	0.7686, 0.2353, 0.5294
CMYK	0.70, 0.00, 0.38, 0.24
HSL	147°, 54%, 50%
HSV	147°, 70%, 76%
XYZ	24.7089, 41.3161, 24.4418
YIQ	145.7860, -56.9810, -52.1570

Conversions

Conversions Part 2

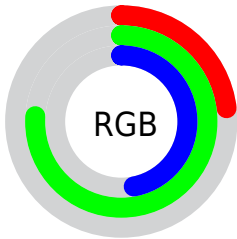
Format	Color
RYB	59, 153, 195
Decimal	3916664
CIELab	70.40, -53.29, 27.41
CIELCh	70, 59.925, 152.780
Yxy	41.3161, 0.2731, 0.4567
Android (android.graphics.Color)	4282106744 (0xFF3BC378)
YUV	145.7860, -12.7125, -76.1113
Hunter-Lab	64.2776, -43.8687, 22.4491

Details

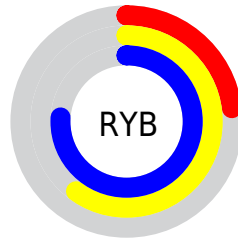
The Hex color **3BC378** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C33B86**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7BFDAD**, and **008C46** is the 20% darker color. If you saturate the color by 10%, you get **28C36D**, and if you desaturate by 10%, it is **4FC383**.

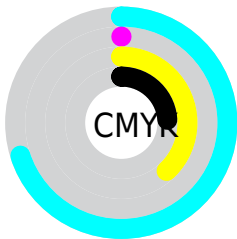
Distribution



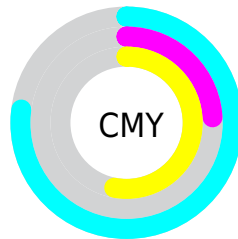
- Red (23%)
- Green (76%)
- Blue (47%)



- Red (23%)
- Yellow (60%)
- Blue (76%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (24%)



- Cyan (77%)
- Magenta (24%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC378 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 3BC378 by changing the saturation by 10% instead.

 3BC378

 3BC378

FFFFFF

 06A75F

 7BFDAD

 008C46

 98FFC8

 00722F

 B6FFE5

 005818

 D4FFFF

 003F00

 F2FFFF

 002900

 000300

 000000

 3BC378

 3BC378

 28C36D

 4FC383

 14C362

 62C38E

 01C358

 76C398

 00C357

 89C3A3

 9DC3AE

 B0C3B9

 C4C3C3

 D7C3CE

 EBC3D9

Harmonies

Analogous

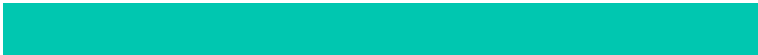
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8DBA4B



3BC378



00C7B0

Triad

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



3BC378



3FB1FF



FF8374

Complementary

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



3BC378



C33B86

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.



FF7BA9



3BC378



B59CFF

Square

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



3BC378



00BFFF



F386DF



F1974A

Rectangle

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



3BC378



00C7D5



F386DF



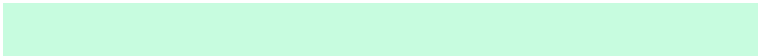
FF7E85

Sweetspot

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



3BC378



C7FCDF



88C33B



60806E



000000



808080

Same Dimension

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



3BC378



28FC88



3BC3BA



57615C



00A148



00210F

Inverse Universe

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



C33B86



FC289D



C33B44



61575D



A10059



210012

Previews

White Background



This preview shows how the Hex color 3BC378 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 3BC378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

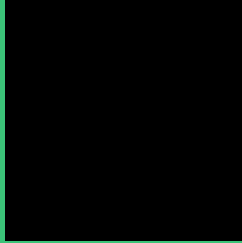
Any Text WCAG AA ✓ Pass

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 3BC378 Background



This preview shows how black text looks on a background with the Hex color 3BC378.

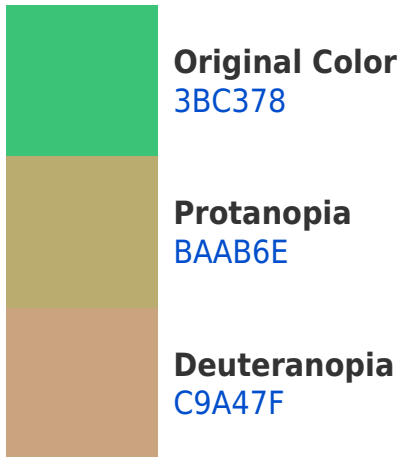


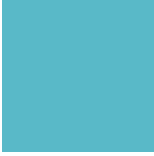
This preview shows how white text looks on a background with the Hex color 3BC378.

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
59B9C8

Trichromacy



Original Color
3BC378



Protanomaly
8CB472



Deuteranomaly
95AF7C



Tritanomaly
4EBDAB

Monochromacy



Original Color
3BC378



Achromatopsia
929292



Achromatomaly
72A489

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC378 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 #3BC378 looks like.

```
.text, #text, p{  
    color:#3BC378  
}
```

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 #3BC378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC378
}
```

Border

The CSS property to change the border of an element to Hex 3BC378 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
#3BC378 }
```

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

```
.border{ border-color:#3BC378 }
```

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

Here you see how a box with a 4 pixel #3BC378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC378; -webkit-box-shadow:4px 4px  
4px 4px #3BC378; box-shadow:4px 4px 4px  
4px #3BC378 }
```

Background

The CSS property to change the background color of an element to Hex 3BC378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC378 }
```

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

```
.background{ background-color:#3BC378 }
```

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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