

Converting Colors

Hex(3BC63F)

Have a look what the booklet for
Hex(3BC63F) contains.

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Color

Hex(3BC63F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3BC63F |
| RGB | 59, 198, 63 |
| RGB Percent | 23%, 78%, 25% |
| CMY | 0.7686, 0.2235, 0.7529 |
| CMYK | 0.70, 0.00, 0.68, 0.22 |
| HSL | 122°, 55%, 50% |
| HSV | 122°, 70%, 78% |
| XYZ | 22.8949, 41.6769, 11.5404 |
| YIQ | 141.0490, -39.5090, -71.4530 |

Conversions

Conversions Part 2

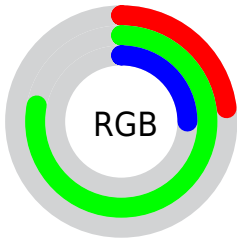
| Format | Color |
|-------------------------------------|--|
| RYB | 59, 194, 198 |
| Decimal | 3917375 |
| CIELab | 70.65, -62.38, 54.74 |
| CIELCh | 71, 82.993, 138.730 |
| Yxy | 41.6769, 0.3008, 0.5476 |
| Android (android.graphics.Color) | 4282107455 (0xFF3BC63F) |
| YUV | 141.0490, -38.4782, -71.9570 |
| Hunter-Lab | 64.5576, -49.6720, 34.5916 |

Details

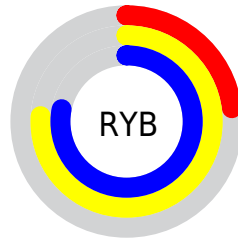
The Hex color **3BC63F** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C63BC2**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7DFF75**, and **008F00** is the 20% darker color. If you saturate the color by 10%, you get **27C62C**, and if you desaturate by 10%, it is **4FC652**.

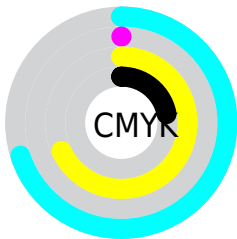
Distribution



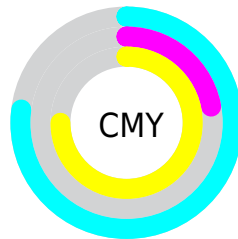
- Red (23%)
- Green (78%)
- Blue (25%)



- Red (23%)
- Yellow (76%)
- Blue (78%)



- Cyan (70%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (77%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BC63F 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 3BC63F by changing the saturation by 10% instead.

 3BC63F

 3BC63F

FFFFFF

 00AA22

 7DFF75

 008F00

 9BFF90

 007400

 B9FFAC

 005A00

 D8FFC8

 004100

 F6FFE5

 002A00

 000400

 000000

 3BC63F

 3BC63F

 27C62C

 4FC652

 13C619

 63C665

 00C606

 76C679

 8AC68C

 9EC69F

 B2C6B2

 C6C6C6

 D9C6D9

 EDC6EC

Harmonies

Analogous

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



A2B700



3BC63F



00CD8D

Triad

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



3BC63F



00BEFF



FF5E81

Complementary

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



3BC63F



C63BC2

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.



FF5FCD



3BC63F



66A5FF

Square

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



3BC63F



00CBFF



EA81FF



FF7E3A

Rectangle

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



3BC63F



00CFC2



EA81FF



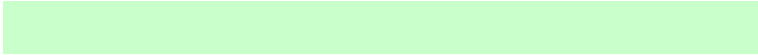
FF599A

Sweetspot

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



3BC63F



C9FFCB



C4C63B



608061



000000



808080

Same Dimension

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



3BC63F



29FF2F



3BC683



5A635A



00A305



002401

Inverse Universe

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



C63BC2



FF29F9



C63B7E



635A63



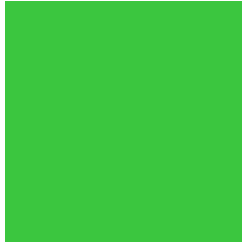
A3009F



240023

Previews

White Background



This preview shows how the Hex color 3BC63F looks on a white background.

Color Contrast Check

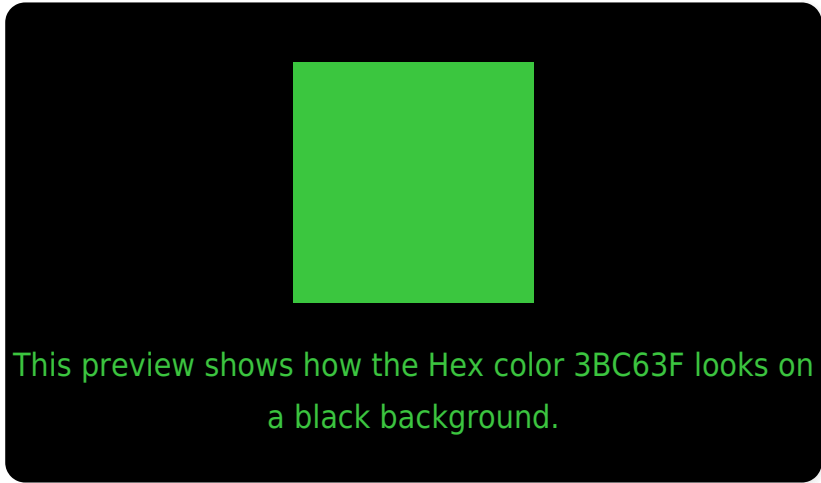
Large Text (above 18pt) WCAG AA × Fail

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 3BC63F Background



This preview shows how black text looks on a background with the Hex color 3BC63F.



This preview shows how white text looks on a background with the Hex color 3BC63F.

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](#).

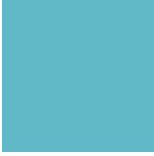
Dichromacy



Original Color
3BC63F

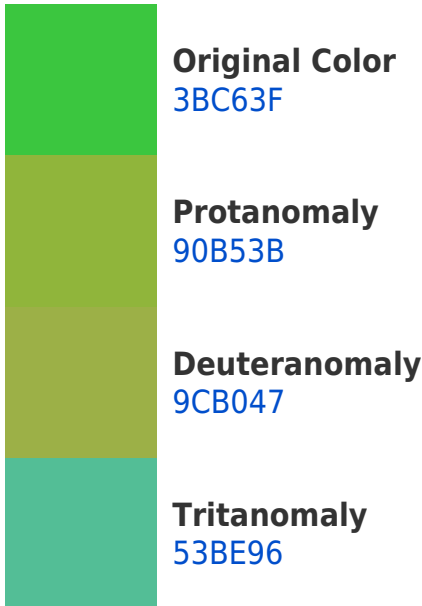
Protanopia
C0AC38

Deuteranopia
D4A34B

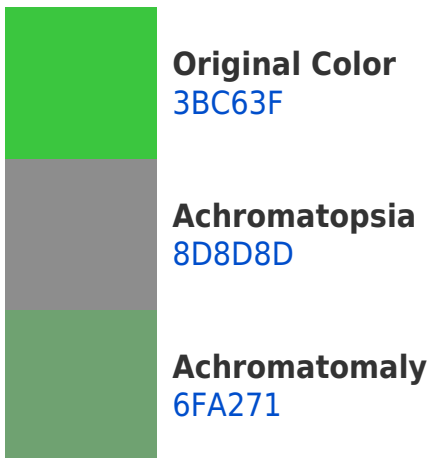


Tritanopia
61B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BC63F 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 #3BC63F looks like.

```
.text, #text, p{  
    color:#3BC63F  
}
```

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 #3BC63F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BC63F
}
```

Border

The CSS property to change the border of an element to Hex 3BC63F 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
#3BC63F }
```

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

```
.border{ border-color:#3BC63F }
```

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

Here you see how a box with a 4 pixel #3BC63F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BC63F; -webkit-box-shadow:4px 4px  
4px 4px #3BC63F; box-shadow:4px 4px 4px  
4px #3BC63F }
```

Background

The CSS property to change the background color of an element to Hex 3BC63F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BC63F }
```

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

```
.background{ background-color:#3BC63F }
```

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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