

Converting Colors

Hex(3FC66F)

Have a look what the booklet for
Hex(3FC66F) contains.

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Color

Hex(3FC66F)

Conversions

Conversions Part 1

Format	Color
Hex	3FC66F
RGB	63, 198, 111
RGB Percent	25%, 78%, 44%
CMY	0.7529, 0.2235, 0.5647
CMYK	0.68, 0.00, 0.44, 0.22
HSL	141°, 54%, 51%
HSV	141°, 68%, 78%
XYZ	25.1132, 42.5926, 21.9365
YIQ	147.7170, -52.5330, -55.6770

Conversions

Conversions Part 2

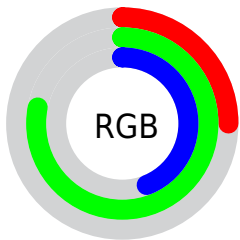
Format	Color
RYB	63, 163, 198
Decimal	4179567
CIELab	71.28, -55.35, 33.23
CIELCh	71, 64.564, 149.021
Yxy	42.5926, 0.2801, 0.4751
Android (android.graphics.Color)	4282369647 (0xFF3FC66F)
YUV	147.7170, -18.1015, -74.2968
Hunter-Lab	65.2630, -45.5235, 25.7553

Details

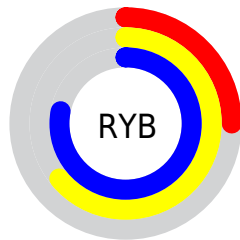
The Hex color **3FC66F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C63F96**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7EFFA4**, and **008F3D** is the 20% darker color. If you saturate the color by 10%, you get **2BC662**, and if you desaturate by 10%, it is **53C67C**.

Distribution



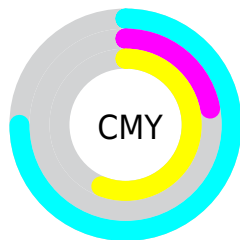
- Red (25%)
- Green (78%)
- Blue (44%)



- Red (25%)
- Yellow (64%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (44%)
- Black (22%)



- Cyan (75%)
- Magenta (22%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Hex color 3FC66F 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 3FC66F by changing the saturation by 10% instead.

 3FC66F

 3FC66F

FFFFFF

 11AA56

 7EFFA4

 008F3D

 9CFFBF

 007425

 BAFFDB

 005B0C

 D7FFF8

 004200

 F6FFFF

 002B00

 000900

 000000

 3FC66F

 3FC66F

 2BC662

 53C67C

 17C655

 67C689

 04C649

 7AC695

 00C646

 8EC6A2

 A2C6AF

 B6C6BC

 CAC6C8

 DDC6D5

 F1C6E2

Harmonies

Analogous

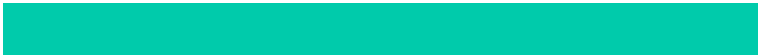
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95BC3F



3FC66F



00CBAB

Triad

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



3FC66F



00B6FF



FF7F79

Complementary

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



3FC66F



C63F96

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.



FF78B3



3FC66F



ACA0FF

Square

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



3FC66F



00C4FF



F487EC



FD9449

Rectangle

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



3FC66F



00CBD3



F487EC



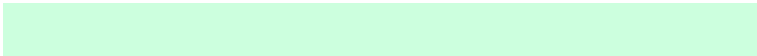
FF7A8C

Sweetspot

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



3FC66F



CCFFDE



97C63F



61806C



000000



808080

Same Dimension

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



3FC66F



2EFF78



3FC6B2



5A635D



00A33A



00240D

Inverse Universe

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



C63F96



FF2EB5



C63F53



635A60



A30069



240017

Previews

White Background



This preview shows how the Hex color 3FC66F looks on a white background.

Color Contrast Check

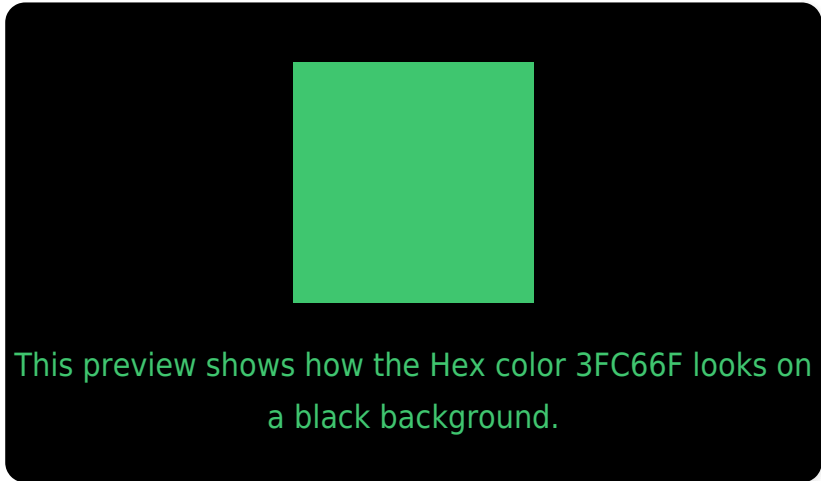
Large Text (above 18pt) WCAG AA × Fail

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

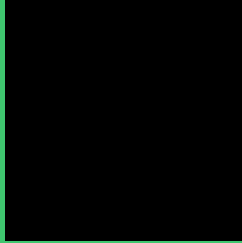
Any Text WCAG AA ✓ Pass

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 3FC66F Background



This preview shows how black text looks on a background with the Hex color 3FC66F.

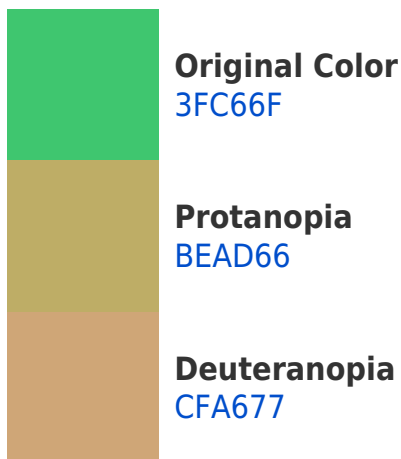


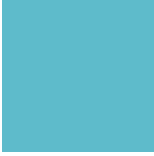
This preview shows how white text looks on a background with the Hex color 3FC66F.

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
5EBBCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC66F 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 #3FC66F looks like.

```
.text, #text, p{  
    color:#3FC66F  
}
```

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 #3FC66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC66F
}
```

Border

The CSS property to change the border of an element to Hex 3FC66F 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
#3FC66F }
```

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

```
.border{ border-color:#3FC66F }
```

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

Here you see how a box with a 4 pixel #3FC66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC66F; -webkit-box-shadow:4px 4px  
4px 4px #3FC66F; box-shadow:4px 4px 4px  
4px #3FC66F }
```

Background

The CSS property to change the background color of an element to Hex 3FC66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC66F }
```

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

```
.background{ background-color:#3FC66F }
```

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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