

Converting Colors

Hex(3FC470)

Have a look what the booklet for
Hex(3FC470) contains.

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Color

Hex(3FC470)

Conversions

Conversions Part 1

Format	Color
Hex	3FC470
RGB	63, 196, 112
RGB Percent	25%, 77%, 44%
CMY	0.7529, 0.2314, 0.5608
CMYK	0.68, 0.00, 0.43, 0.23
HSL	142°, 53%, 51%
HSV	142°, 68%, 77%
XYZ	24.7145, 41.7065, 22.0768
YIQ	146.6570, -52.3040, -54.3200

Conversions

Conversions Part 2

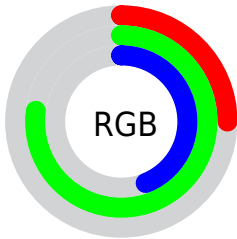
Format	Color
RYB	63, 160, 196
Decimal	4179056
CIELab	70.67, -54.43, 31.93
CIELCh	71, 63.109, 149.604
Yxy	41.7065, 0.2793, 0.4713
Android (android.graphics.Color)	4282369136 (0xFF3FC470)
YUV	146.6570, -17.0859, -73.3672
Hunter-Lab	64.5805, -44.7054, 24.9381

Details

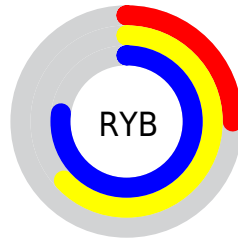
The Hex color **3FC470** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C43F93**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7EFEA5**, and **008D3E** is the 20% darker color. If you saturate the color by 10%, you get **2BC464**, and if you desaturate by 10%, it is **53C47C**.

Distribution



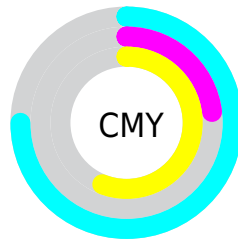
- Red (25%)
- Green (77%)
- Blue (44%)



- Red (25%)
- Yellow (63%)
- Blue (77%)



- Cyan (68%)
- Magenta (0%)
- Yellow (43%)
- Black (23%)



- Cyan (75%)
- Magenta (23%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FC470 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 3FC470 by changing the saturation by 10% instead.

 3FC470

 3FC470

FFFFFF

 12A857

 7EFEA5

 008D3E

 9BFFC0

 007327

 B9FFDC

 00590E

 D7FFF9

 004000

 F5FFFF

 002A00

 000500

 000000

 3FC470

 3FC470

 2BC464

 53C47C

 18C457

 66C489

 04C44B

 7AC495

 00C448

 8DC4A2

 A1C4AE

 B5C4BA

 C8C4C7

 DCC4D3

 EFC4DF

Harmonies

Analogous

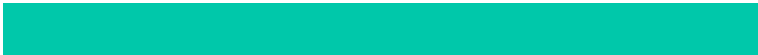
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93BA41



3FC470



00C8AA

Triad

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



3FC470



00B4FF



FF7F77

Complementary

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



3FC470



C43F93

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.



FF78B0



3FC470



AC9EFF

Square

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



3FC470



00C2FF



F286E8



F99449

Rectangle

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



3FC470



00C9D2



F286E8



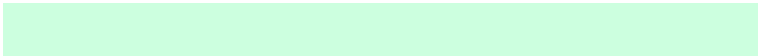
FF7A8A

Sweetspot

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



3FC470



CCFFDF



93C43F



61806C



000000



808080

Same Dimension

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



3FC470



30FF7D



3FC4B2



57615B



00A13B



00210C

Inverse Universe

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



C43F93



FF30B3



C43F51



61575D



A10065



210015

Previews

White Background



This preview shows how the Hex color 3FC470 looks on a white background.

Color Contrast Check

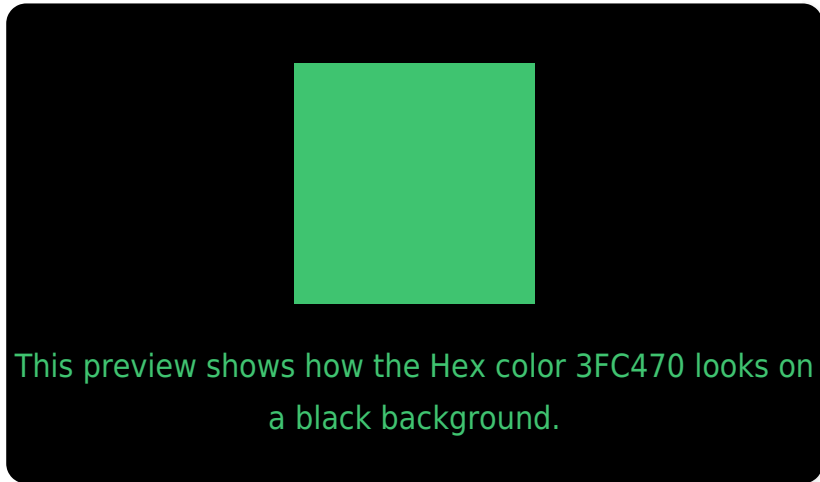
Large Text (above 18pt) WCAG AA × Fail

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

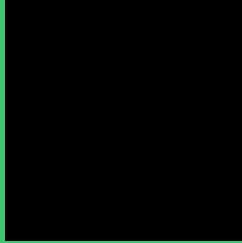
Any Text WCAG AA ✓ Pass

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 3FC470 Background



This preview shows how black text looks on a background with the Hex color 3FC470.

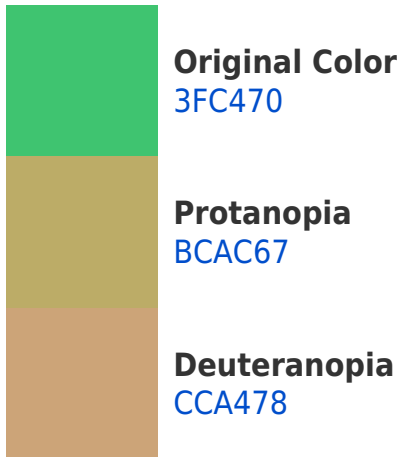


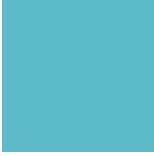
This preview shows how white text looks on a background with the Hex color 3FC470.

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





Trichromacy



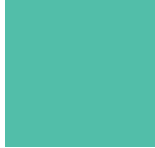
Original Color
3FC470



Protanomaly
8FB56A



Deuteranomaly
99B075



Tritanomaly
52BEA9

Monochromacy



Original Color
3FC470



Achromatopsia
939393



Achromatomaly
74A586

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FC470 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 #3FC470 looks like.

```
.text, #text, p{  
    color:#3FC470  
}
```

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 #3FC470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FC470
}
```

Border

The CSS property to change the border of an element to Hex 3FC470 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
#3FC470 }
```

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

```
.border{ border-color:#3FC470 }
```

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

Here you see how a box with a 4 pixel #3FC470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FC470; -webkit-box-shadow:4px 4px  
4px 4px #3FC470; box-shadow:4px 4px 4px  
4px #3FC470 }
```

Background

The CSS property to change the background color of an element to Hex 3FC470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FC470 }
```

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

```
.background{ background-color:#3FC470 }
```

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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