

Converting Colors

Hex(55FB70)

Have a look what the booklet for
Hex(55FB70) contains.

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Color

Hex(55FB70)

Conversions

Conversions Part 1

Format	Color
Hex	55FB70
RGB	85, 251, 112
RGB Percent	33%, 98%, 44%
CMY	0.6667, 0.0157, 0.5608
CMYK	0.66, 0.00, 0.55, 0.02
HSL	130°, 95%, 66%
HSV	130°, 66%, 98%
XYZ	41.1681, 72.0955, 27.0753
YIQ	185.5200, -54.3170, -78.4210

Conversions

Conversions Part 2

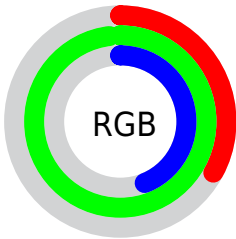
Format	Color
RYB	85, 228, 251
Decimal	5634928
CIELab	88.01, -70.03, 53.57
CIELCh	88, 88.170, 142.587
Yxy	72.0955, 0.2933, 0.5137
Android (android.graphics.Color)	4283825008 (0xFF55FB70)
YUV	185.5200, -36.2454, -88.1560
Hunter-Lab	84.9091, -62.0452, 40.5303

Details

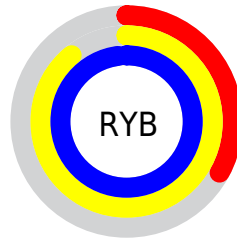
The Hex color **55FB70** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FB55E0**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **98FFA7**, and **00C13A** is the 20% darker color. If you saturate the color by 10%, you get **3CFB5B**, and if you desaturate by 10%, it is **6EFB85**.

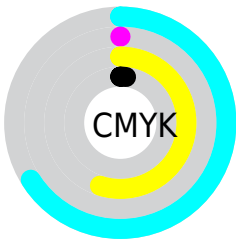
Distribution



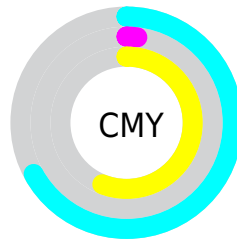
- Red (33%)
- Green (98%)
- Blue (44%)



- Red (33%)
- Yellow (89%)
- Blue (98%)



- Cyan (66%)
- Magenta (0%)
- Yellow (55%)
- Black (2%)



- Cyan (67%)
- Magenta (2%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55FB70 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 55FB70 by changing the saturation by 10% instead.

 55FB70

FFFFFF

 98FFA7

 B7FFC3

 D6FFE0

 F5FFFD

 55FB70

 2ADE55

 00C13A

 00A51C

 008900

 006F00

 005500

 003C00

 002300

 000000

 55FB70

 55FB70

 3CFB5B

 6EFB85

 23FB46

 87FB9A

 0AFB31

 A0FBAF

 00FB29

 B9FBC4

 D3FBD9

 ECFBEE

 FFFBFF

Harmonies

Analogous

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



C9EB25



55FB70



00FC4

Triad

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



55FB70



00EDFF



FF8FA1

Complementary

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



55FB70



FB55E0

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.



FF8BF5



55FB70



B3CFFF

Square

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



55FB70



00FEFF



FFA9FF



FFAF57

Rectangle

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



55FB70



00FFFF



FFA9FF



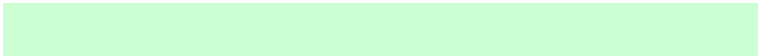
FF89BD

Sweetspot

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



55FB70



CCFFD4



E2FB55



618066



000000



808080

Same Dimension

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



55FB70



36FF56



55FBC1



707D72



00BD1F



003D0A

Inverse Universe

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



FB55E0



FF36DE



FB558F



7D707B



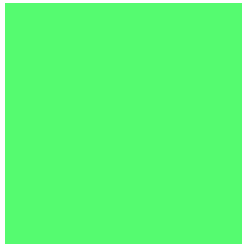
BD009E



3D0033

Previews

White Background



This preview shows how the Hex color 55FB70 looks on a white background.

Color Contrast Check

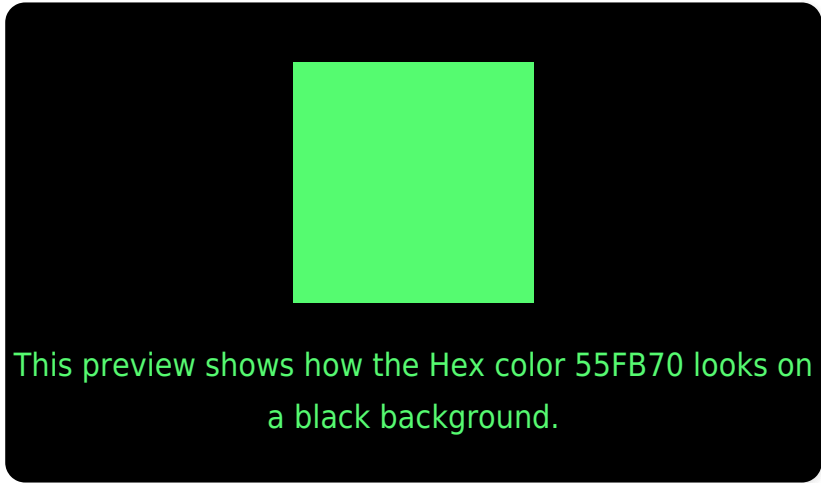
Large Text (above 18pt) WCAG AA × Fail

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 55FB70 Background



This preview shows how black text looks on a background with the Hex color 55FB70.

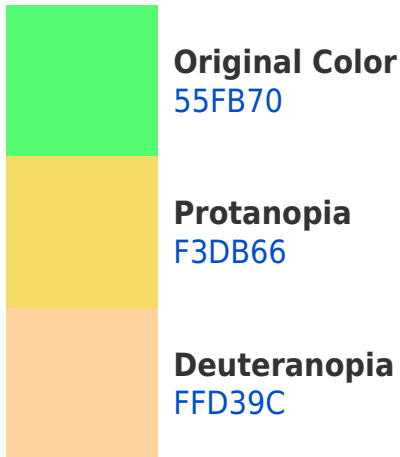


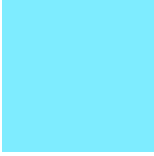
This preview shows how white text looks on a background with the Hex color 55FB70.

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](#).

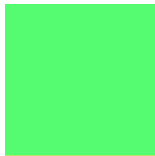
Dichromacy





Tritanopia
7EECFE

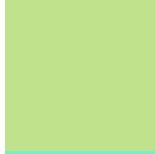
Trichromacy



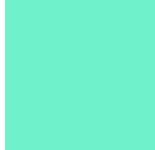
Original Color
55FB70



Protanomaly
BAE76A



Deuteranomaly
C1E28C

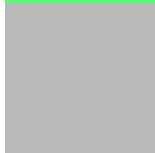


Tritanomaly
6FF1CB

Monochromacy



Original Color
55FB70



Achromatopsia
BABABA



Achromatomaly
95D29F

CSS Examples

Text

The CSS property to change the color of the text to Hex 55FB70 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 #55FB70 looks like.

```
.text, #text, p{  
    color:#55FB70  
}
```

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 #55FB70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55FB70
}
```

Border

The CSS property to change the border of an element to Hex 55FB70 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
#55FB70 }
```

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

```
.border{ border-color:#55FB70 }
```

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

Here you see how a box with a 4 pixel #55FB70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55FB70; -webkit-box-shadow:4px 4px  
4px 4px #55FB70; box-shadow:4px 4px 4px  
4px #55FB70 }
```

Background

The CSS property to change the background color of an element to Hex 55FB70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55FB70 }
```

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

```
.background{ background-color:#55FB70 }
```

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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