

# Converting Colors

Hex(53FE6E)

Have a look what the booklet for  
Hex(53FE6E) contains.

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# Color

Hex(53FE6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	53FE6E
RGB	83, 254, 110
RGB Percent	33%, 100%, 43%
CMY	0.6745, 0.0039, 0.5686
CMYK	0.67, 0.00, 0.57, 0.00
HSL	129°, 99%, 66%
HSV	129°, 67%, 100%
XYZ	41.8236, 73.8484, 26.8017
YIQ	186.4550, -55.6920, -81.0360

# Conversions

## Conversions Part 2

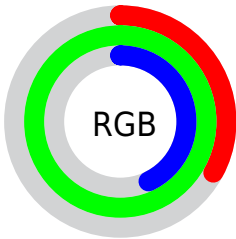
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 231, 254
Decimal	5504622
CIELab	88.85, -71.64, 55.44
CIELCh	89, 90.583, 142.267
Yxy	73.8484, 0.2936, 0.5183
Android (android.graphics.Color)	4283694702 (0xFF53FE6E)
YUV	186.4550, -37.6923, -90.7300
Hunter-Lab	85.9351, -63.5127, 41.6630

# Details

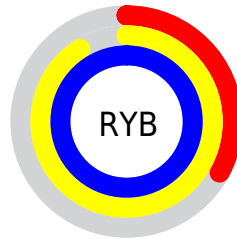
The Hex color **53FE6E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **FE53E3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **97FFA5**, and **00C437** is the 20% darker color. If you saturate the color by 10%, you get **3AFE59**, and if you desaturate by 10%, it is **6CFE83**.

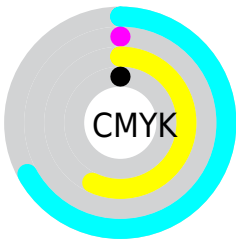
# Distribution



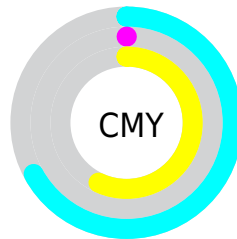
- Red (33%)
- Green (100%)
- Blue (43%)



- Red (33%)
- Yellow (91%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53FE6E 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 53FE6E by changing the saturation by 10% instead.



 53FE6E

 53FE6E

FFFFFF

 25E153

 97FFA5

 00C437

 B6FFC1

 00A818

 D6FFDE

 008C00

 F5FFFB

 007100

 005700

 003E00

 002500

 000000

 53FE6E

 53FE6E

 3AFE59

 6CFE83

 20FE43

 86FE99

 07FE2E

 9FFEAE

 00FE28

 B9FEC4

 D2FED9

 EBFEEE

FFFEFF

# Harmonies

## Analogous

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



CBEE1C



53FE6E



00FFC5

# Triad

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



53FE6E



00F0FF



FF8EA3

# Complementary

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



53FE6E



FE53E3

# Split Complementary

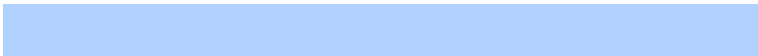
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8AF9



53FE6E



B1D2FF

# Square

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



53FE6E



00FFFF



FFAAFF



FFAF55

# Rectangle

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



53FE6E



00FFFF



FFAAFF



FF88BF

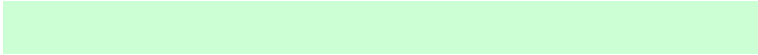


# Sweetspot

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



53FE6E



CCFFD4



E4FE53



618066



000000



808080



# Same Dimension

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



53FE6E



30FF51



53FEC2



738075



00BF1E



00400A



# Inverse Universe

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



FE53E3



FF30DE



FE538F



80737D



BF00A1

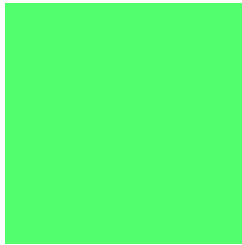


400036



# Previews

## White Background



This preview shows how the Hex color 53FE6E looks on a white background.

## Color Contrast Check

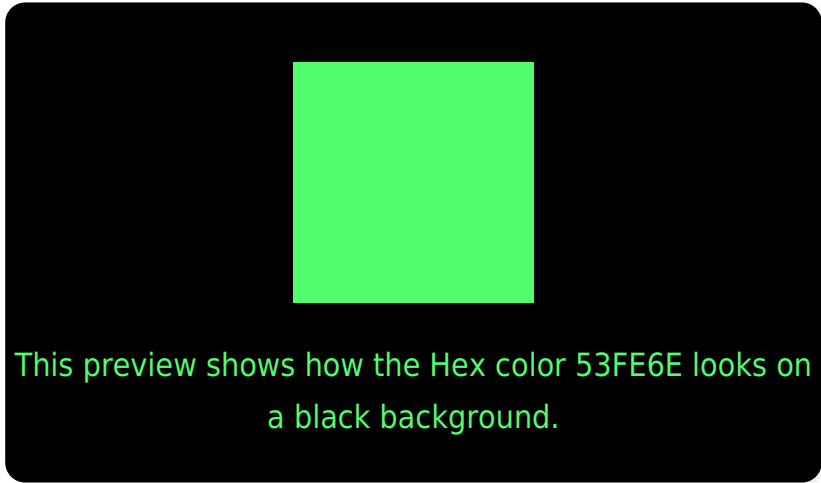
Large Text (above 18pt) WCAG AA × Fail

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 53FE6E Background



This preview shows how black text looks on a background with the Hex color 53FE6E.

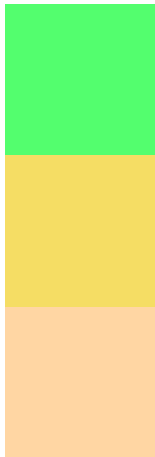


This preview shows how white text looks on a background with the Hex color 53FE6E.

# 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](#).

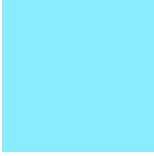
## Dichromacy



**Original Color**  
53FE6E

**Protanopia**  
F5DD64

**Deuteranopia**  
FFD6A3

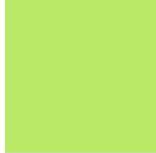


**Tritanopia**  
89EDFF

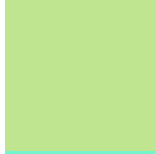
# Trichromacy



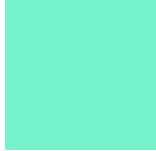
**Original Color**  
53FE6E



**Protanomaly**  
BAE968

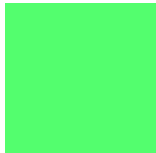


**Deuteranomaly**  
C0E590

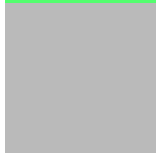


**Tritanomaly**  
75F3CA

# Monochromacy



**Original Color**  
53FE6E



**Achromatopsia**  
BABABA



**Achromatomaly**  
95D39E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53FE6E 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 #53FE6E looks like.

```
.text, #text, p{  
    color:#53FE6E  
}
```

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 #53FE6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53FE6E
}
```

## Border

The CSS property to change the border of an element to Hex 53FE6E 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
#53FE6E }
```

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

```
.border{ border-color:#53FE6E }
```

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

Here you see how a box with a 4 pixel #53FE6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53FE6E; -webkit-box-shadow:4px 4px  
4px 4px #53FE6E; box-shadow:4px 4px 4px  
4px #53FE6E }
```

# Background

The CSS property to change the background color of an element to Hex 53FE6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53FE6E }
```

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

```
.background{ background-color:#53FE6E }
```

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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