

# Converting Colors

Hex(54FC86)

Have a look what the booklet for  
Hex(54FC86) contains.

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**Color**

**Hex(54FC86)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54FC86
RGB	84, 252, 134
RGB Percent	33%, 99%, 53%
CMY	0.6706, 0.0118, 0.4745
CMYK	0.67, 0.00, 0.47, 0.01
HSL	138°, 97%, 66%
HSV	138°, 67%, 99%
XYZ	42.7696, 73.2269, 34.4343
YIQ	188.3160, -62.2500, -72.3140

# Conversions

## Conversions Part 2

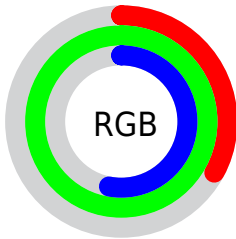
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 213, 252
Decimal	5569670
CIELab	88.56, -67.52, 44.01
CIELCh	89, 80.596, 146.906
Yxy	73.2269, 0.2843, 0.4868
Android (android.graphics.Color)	4283759750 (0xFF54FC86)
YUV	188.3160, -26.7778, -91.4851
Hunter-Lab	85.5727, -60.5371, 36.0427

# Details

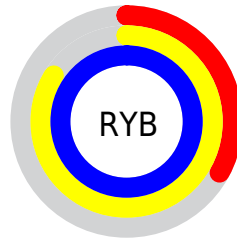
The Hex color **54FC86** is a light color, and the websafe version is hex **33FF99**. The color can be described as light muted spring green. A complement of this color would be **FC54CA**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **96FFBD**, and **00C252** is the 20% darker color. If you saturate the color by 10%, you get **3BFC74**, and if you desaturate by 10%, it is **6DFC98**.

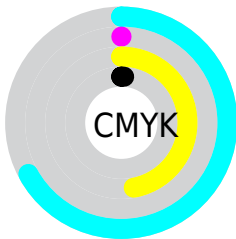
# Distribution



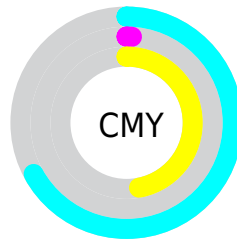
- Red (33%)
- Green (99%)
- Blue (53%)



- Red (33%)
- Yellow (84%)
- Blue (99%)



- Cyan (67%)
- Magenta (0%)
- Yellow (47%)
- Black (1%)



- Cyan (67%)
- Magenta (1%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54FC86 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 54FC86 by changing the saturation by 10% instead.



 54FC86

 54FC86

FFFFFF

 29DF6C

 96FFBD

 00C252

 B6FFD9

 00A638

 D5FFF6

 008A1E

 F4FFFF

 007000

 005600

 003D00

 002400

 000000

 54FC86

 54FC86

 3BFC74

 6DFC98

 22FC63

 86FCA9

 08FC51

 A0FCBB

 00FC4B

 B9FCCD

 D2FCDE

 EBFCF0

 FFFCFF

# Harmonies

## Analogous

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



C2EE48



54FC86



00FFD4

# Triad

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



54FC86



00E9FF



FF9D9D

# Complementary

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



54FC86



FC54CA

# 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.



FF96EA



54FC86



D1CDFF

# Square

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



54FC86



00FBFF



FFACFF



FFBA5C

# Rectangle

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



54FC86



00FFFF



FFACFF



FF98B6

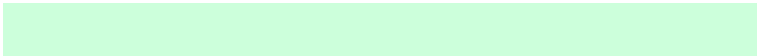


# Sweetspot

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



54FC86



CCFFDB



CCFC54



61806A



000000



808080



# Same Dimension

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



54FC86



33FF70



54FCD8



707D74



00BD38



003D12



# Inverse Universe

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



FC54CA



FF33C2



FC5478



7D7079



BD0085

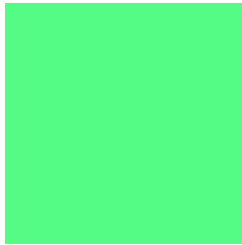


3D002B



# Previews

## White Background



This preview shows how the Hex color 54FC86 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



This preview shows how the Hex color 54FC86 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

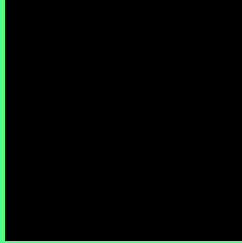
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

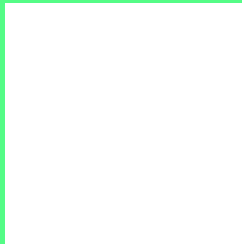
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 54FC86 Background



This preview shows how black text looks on a background with the Hex color 54FC86.

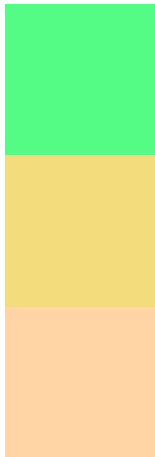


This preview shows how white text looks on a background with the Hex color 54FC86.

# 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](#).

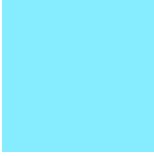
## Dichromacy



**Original Color**  
54FC86

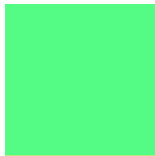
**Protanopia**  
F2DC7B

**Deuteranopia**  
FFD5A6



**Tritanopia**  
85EDFF

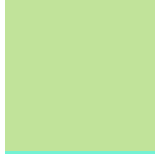
# Trichromacy



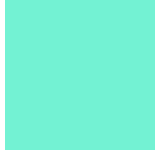
**Original Color**  
54FC86



**Protanomaly**  
B9E87F



**Deuteranomaly**  
C1E39A

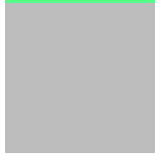


**Tritanomaly**  
73F2D3

# Monochromacy



**Original Color**  
54FC86



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
96D3A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54FC86 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 #54FC86 looks like.

```
.text, #text, p{  
    color:#54FC86  
}
```

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 #54FC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FC86
}
```

## Border

The CSS property to change the border of an element to Hex 54FC86 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
#54FC86 }
```

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

```
.border{ border-color:#54FC86 }
```

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

Here you see how a box with a 4 pixel #54FC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FC86; -webkit-box-shadow:4px 4px  
4px 4px #54FC86; box-shadow:4px 4px 4px  
4px #54FC86 }
```

# Background

The CSS property to change the background color of an element to Hex 54FC86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FC86 }
```

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

```
.background{ background-color:#54FC86 }
```

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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