

Converting Colors

Hex(54FF86)

Have a look what the booklet for
Hex(54FF86) contains.

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Color

Hex(54FF86)

Conversions

Conversions Part 1

Format	Color
Hex	54FF86
RGB	84, 255, 134
RGB Percent	33%, 100%, 53%
CMY	0.6706, 0.0000, 0.4745
CMYK	0.67, 0.00, 0.47, 0.00
HSL	138°, 100%, 66%
HSV	138°, 67%, 100%
XYZ	43.7192, 75.1260, 34.7508
YIQ	190.0770, -63.0750, -73.8830

Conversions

Conversions Part 2

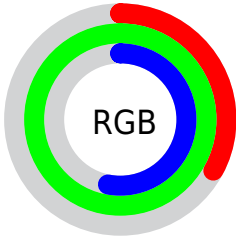
Format	Color
RYB	84, 216, 255
Decimal	5570438
CIELab	89.45, -68.57, 45.14
CIELCh	89, 82.091, 146.645
Yxy	75.1260, 0.2846, 0.4891
Android (android.graphics.Color)	4283760518 (0xFF54FF86)
YUV	190.0770, -27.6460, -93.0295
Hunter-Lab	86.6753, -61.6459, 36.9015

Details

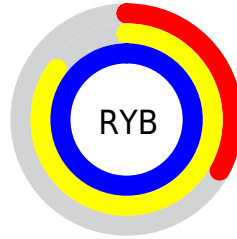
The Hex color **54FF86** is a light color, and the websafe version is hex **33FF99**. The color can be described as light muted spring green. A complement of this color would be **FF54CD**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **97FFBD**, and **00C552** is the 20% darker color. If you saturate the color by 10%, you get **3AFF74**, and if you desaturate by 10%, it is **6DFF98**.

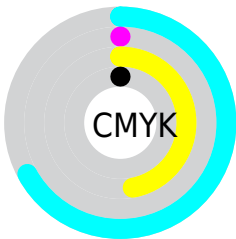
Distribution



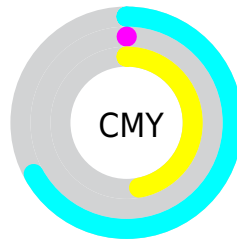
- Red (33%)
- Green (100%)
- Blue (53%)



- Red (33%)
- Yellow (85%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 54FF86 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 54FF86 by changing the saturation by 10% instead.

 54FF86

FFFFFF

 97FFBD

 B6FFD9

 D6FFF6

 F5FFFF

 54FF86

 28E26C

 00C552

 00A938


 008D1D

 007200

 005800

 003F00

 002600

 000000

■ 54FF86

■ 54FF86

■ 3AFF74

■ 6DFF98

■ 21FF62

■ 87FFAA

■ 08FF50

■ A1FFBC

■ 00FF4B

■ BAFFCE

■ D3FFE0

■ EDFFF2

FFFFFF

Harmonies

Analogous

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



C4F146



54FF86



00FFD5

Triad

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



54FF86



00ECFF



FF9E9F

Complementary

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



54FF86



FF54CD

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.



FF97ED



54FF86



D1D0FF

Square

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



54FF86



00FEFF



FFAEFF



FFB5D

Rectangle

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



54FF86



00FFFF



FFAEFF



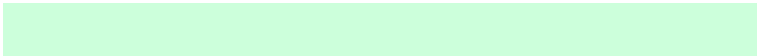
FF98B8

Sweetspot

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



54FF86



CCFFDB



CFFF54



61806A



000000



808080

Same Dimension

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



54FF86



33FF6F



54FFDA



738076



00BF38



004013

Inverse Universe

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



FF54CD



FF33C3



FF5479



80737C



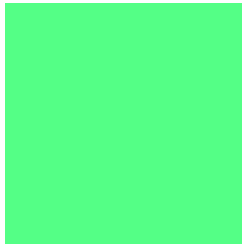
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 54FF86 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 54FF86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

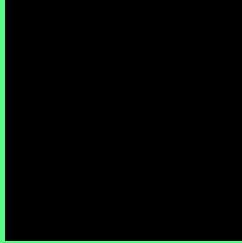
Any Text WCAG AA ✓ Pass

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 54FF86 Background



This preview shows how black text looks on a background with the Hex color 54FF86.

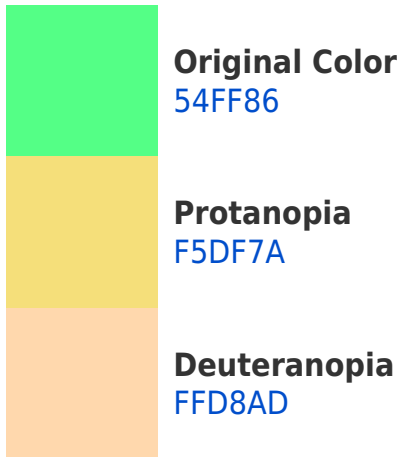


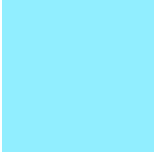
This preview shows how white text looks on a background with the Hex color 54FF86.

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](#).

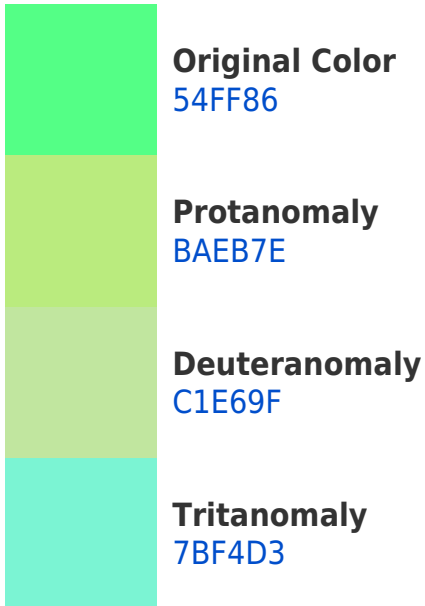
Dichromacy



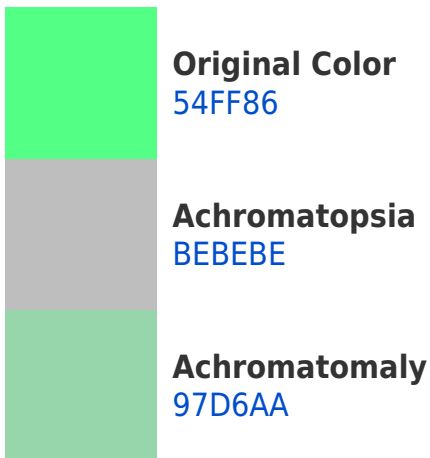


Tritanopia
91EEFF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 54FF86 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 #54FF86 looks like.

```
.text, #text, p{  
    color:#54FF86  
}
```

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 #54FF86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FF86
}
```

Border

The CSS property to change the border of an element to Hex 54FF86 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
#54FF86 }
```

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

```
.border{ border-color:#54FF86 }
```

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

Here you see how a box with a 4 pixel #54FF86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FF86; -webkit-box-shadow:4px 4px  
4px 4px #54FF86; box-shadow:4px 4px 4px  
4px #54FF86 }
```

Background

The CSS property to change the background color of an element to Hex 54FF86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FF86 }
```

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

```
.background{ background-color:#54FF86 }
```

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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