

# Converting Colors

Hex(54FFB6)

Have a look what the booklet for  
Hex(54FFB6) contains.

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# Color

Hex(54FFB6)

# Conversions

## Conversions Part 1

Format	Color
Hex	54FFB6
RGB	84, 255, 182
RGB Percent	33%, 100%, 71%
CMY	0.6706, 0.0000, 0.2863
CMYK	0.67, 0.00, 0.29, 0.00
HSL	154°, 100%, 66%
HSV	154°, 67%, 100%
XYZ	47.8597, 76.7822, 56.5540
YIQ	195.5490, -78.4830, -58.9550

# Conversions

## Conversions Part 2

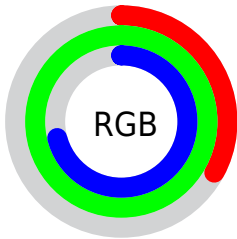
<b>Format</b>	<b>Color</b>
<b>RYB</b>	84, 193, 255
Decimal	5570486
CIELab	90.22, -60.07, 22.37
CIELCh	90, 64.098, 159.571
Yxy	76.7822, 0.2641, 0.4238
Android (android.graphics.Color)	4283760566 (0xFF54FFB6)
YUV	195.5490, -6.6797, -97.8285
Hunter-Lab	87.6255, -55.8507, 23.0717

# Details

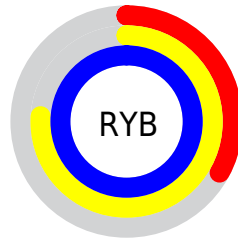
The Hex color **54FFB6** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **FF549D**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **97FFEE**, and **00C581** is the 20% darker color. If you saturate the color by 10%, you get **3AFFAB**, and if you desaturate by 10%, it is **6DFFC1**.

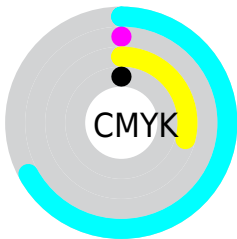
# Distribution



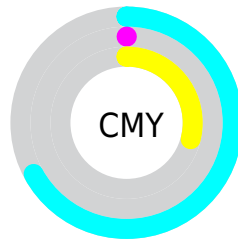
- Red (33%)
- Green (100%)
- Blue (71%)



- Red (33%)
- Yellow (76%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 54FFB6 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 54FFB6 by changing the saturation by 10% instead.



 54FFB6

 54FFB6

FFFFFF

 28E29B

 97FFEE

 00C581

 B6FFFF

 00A967

 D5FFFF

 008E4F

 F4FFFF

 007338

 005921

 00400B

 002800

 000200

 54FFB6

 54FFB6

 3AFFAB

 6DFFC1

 21FFA0

 87FFCC

 08FF95

 A1FFD7

 00FF92

 BAFFE2

 D3FFEC

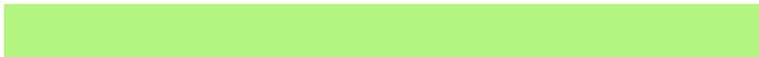
 EDFFF7

FFFFFF

# Harmonies

## Analogous

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



B2F681



54FFB6



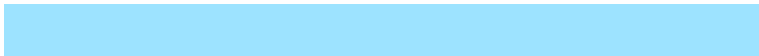
00FF55

# Triad

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



54FFB6



9DE3FF



FFBB98

# Complementary

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



54FFB6



FF549D

# 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.



FFAFD2



54FFB6



FFCBFF

# Square

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



54FFB6



00F5FF



FFB6FF



FFD16F

# Rectangle

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



54FFB6



00FFFF



FFB6FF



FFB5AA

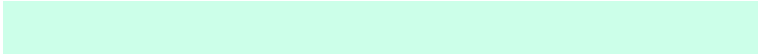


# Sweetspot

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



54FFB6



CCFFE9



9EFF54



618072



000000



808080



# Same Dimension

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



54FFB6



33FFA8



54F4FF



73807A



00BF6E



004025



# Inverse Universe

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



FF549D



FF338A



FF5F54



807378



BF0052

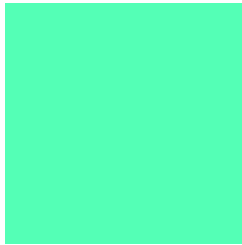


40001B



# Previews

## White Background



This preview shows how the Hex color 54FFB6 looks on a white background.

## Color Contrast Check

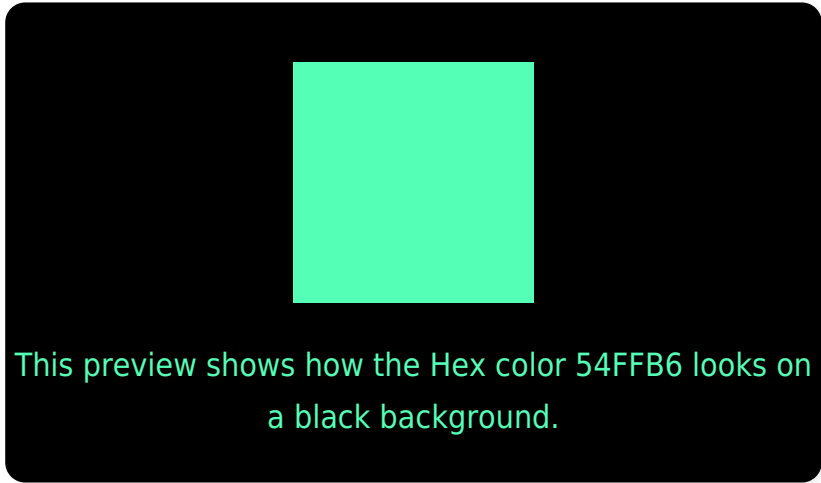
Large Text (above 18pt) WCAG AA × Fail

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

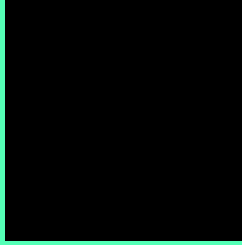
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 54FFB6 Background



This preview shows how black text looks on a background with the Hex color 54FFB6.

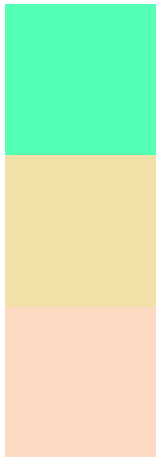


This preview shows how white text looks on a background with the Hex color 54FFB6.

# 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](#).

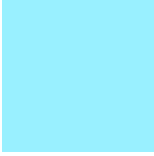
## Dichromacy



**Original Color**  
54FFB6

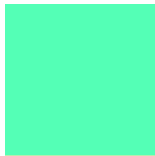
**Protanopia**  
F1E1A8

**Deuteranopia**  
FFDAC3



**Tritanopia**  
99F0FF

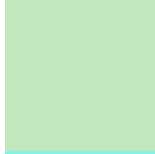
# Trichromacy



**Original Color**  
54FFB6



**Protanomaly**  
B8ECAD



**Deuteranomaly**  
C1E7BE

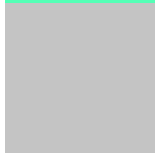


**Tritanomaly**  
80F5E4

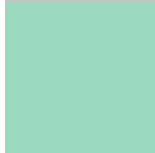
# Monochromacy



**Original Color**  
54FFB6



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
9BD9BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 54FFB6 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 #54FFB6 looks like.

```
.text, #text, p{  
    color:#54FFB6  
}
```

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 #54FFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54FFB6
}
```

## Border

The CSS property to change the border of an element to Hex 54FFB6 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
#54FFB6 }
```

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

```
.border{ border-color:#54FFB6 }
```

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

Here you see how a box with a 4 pixel #54FFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54FFB6; -webkit-box-shadow:4px 4px  
4px 4px #54FFB6; box-shadow:4px 4px 4px  
4px #54FFB6 }
```

# Background

The CSS property to change the background color of an element to Hex 54FFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54FFB6 }
```

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

```
.background{ background-color:#54FFB6 }
```

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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