

# Converting Colors

Hex(55FFB9)

Have a look what the booklet for  
Hex(55FFB9) contains.

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# Color

Hex(55FFB9)

# Conversions

## Conversions Part 1

Format	Color
Hex	55FFB9
RGB	85, 255, 185
RGB Percent	33%, 100%, 73%
CMY	0.6667, 0.0000, 0.2745
CMYK	0.67, 0.00, 0.27, 0.00
HSL	155°, 100%, 67%
HSV	155°, 67%, 100%
XYZ	48.2633, 76.9541, 58.2088
YIQ	196.1900, -78.8500, -57.8100

# Conversions

## Conversions Part 2

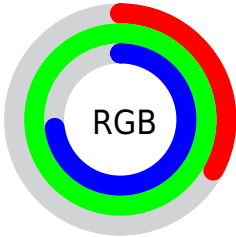
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 192, 255
Decimal	5636025
CIELab	90.30, -59.29, 20.96
CIElCh	90, 62.887, 160.535
Yxy	76.9541, 0.2631, 0.4195
Android (android.graphics.Color)	4283826105 (0xFF55FFB9)
YUV	196.1900, -5.5167, -97.5136
Hunter-Lab	87.7235, -55.3098, 22.0646

# Details

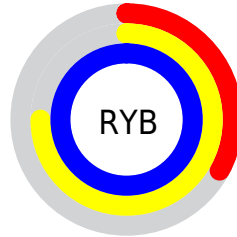
The Hex color **55FFB9** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **FF559B**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **97FFF1**, and **00C584** is the 20% darker color. If you saturate the color by 10%, you get **3BFFAE**, and if you desaturate by 10%, it is **6EFFC3**.

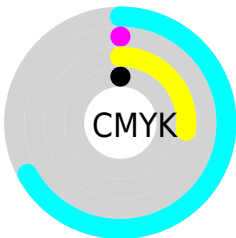
# Distribution



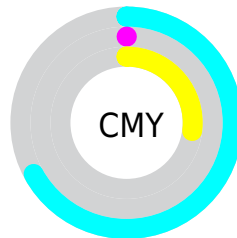
- Red (33%)
- Green (100%)
- Blue (73%)



- Red (33%)
- Yellow (75%)
- Blue (100%)



- Cyan (67%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (67%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55FFB9 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 55FFB9 by changing the saturation by 10% instead.



 55FFB9

 55FFB9

FFFFFF

 2AE29E

 97FFF1

 00C584

 B7FFFF

 00A96A

 D6FFFF

 008E52

 F5FFFF

 00733A

 005924

 00400E

 002900

 000200

 55FFB9

 55FFB9

 3BFFAE

 6EFFC3

 22FFA4

 88FFCE

 08FF99

 A2FFD8

 00FF96

 BBFFE3

 D4FFED

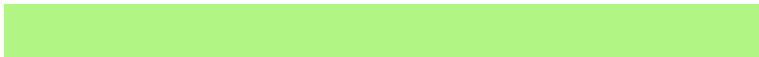
 EEEFF8

FFFFFF

# Harmonies

## Analogous

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



B1F684



55FFB9



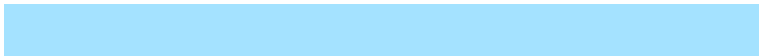
00FFF7

# Triad

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



55FFB9



A4E2FF



FFBC98

# Complementary

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



55FFB9



FF59B

# 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.



FFB0D0



55FFB9



FFCBFF

# Square

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



55FFB9



00F4FF



FFB7FF



FFD271

# Rectangle

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



55FFB9



00FFFF



FFB7FF



FFB7A9

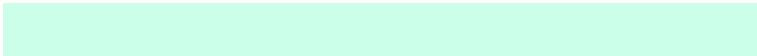


# Sweetspot

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



55FFB9



CCFFEA



9CFF55



618073



000000



808080



# Same Dimension

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



55FFB9



33FFAB



55F1FF



73807A



00BF70



004025



# Inverse Universe

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



FF559B



FF3387



FF6355



807378



BF004F

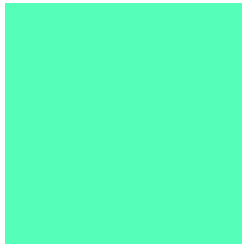


40001A



# Previews

## White Background



This preview shows how the Hex color 55FFB9 looks on a white background.

## Color Contrast Check

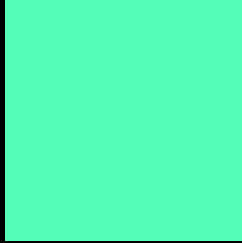
Large Text (above 18pt) WCAG AA × Fail

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 55FFB9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

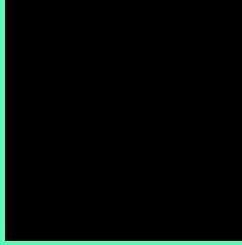
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 55FFB9 Background



This preview shows how black text looks on a background with the Hex color 55FFB9.

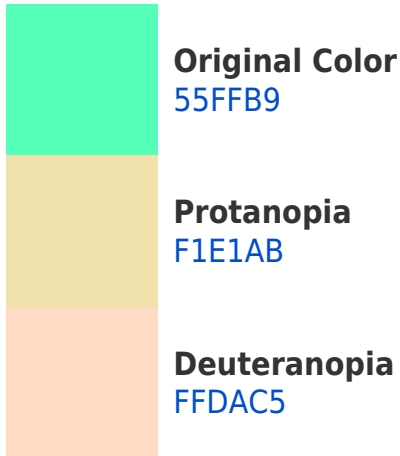


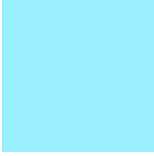
This preview shows how white text looks on a background with the Hex color 55FFB9.

# 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**  
9AF0FF

# Trichromacy



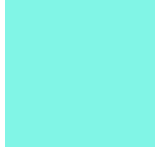
**Original Color**  
55FFB9



**Protanomaly**  
B8ECB0



**Deuteranomaly**  
C1E7C1

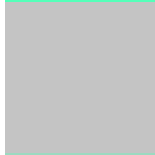


**Tritanomaly**  
81F5E6

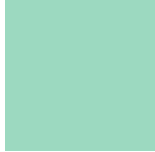
# Monochromacy



**Original Color**  
55FFB9



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
9CD9C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55FFB9 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 #55FFB9 looks like.

```
.text, #text, p{  
    color:#55FFB9  
}
```

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 #55FFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55FFB9
}
```

## Border

The CSS property to change the border of an element to Hex 55FFB9 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
#55FFB9 }
```

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

```
.border{ border-color:#55FFB9 }
```

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

Here you see how a box with a 4 pixel #55FFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55FFB9; -webkit-box-shadow:4px 4px  
4px 4px #55FFB9; box-shadow:4px 4px 4px  
4px #55FFB9 }
```

# Background

The CSS property to change the background color of an element to Hex 55FFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55FFB9 }
```

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

```
.background{ background-color:#55FFB9 }
```

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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