

# Converting Colors

Hex(57FF9C)

Have a look what the booklet for  
Hex(57FF9C) contains.

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# **Color**

**Hex(57FF9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57FF9C
RGB	87, 255, 156
RGB Percent	34%, 100%, 61%
CMY	0.6588, 0.0000, 0.3882
CMYK	0.66, 0.00, 0.39, 0.00
HSL	145°, 100%, 67%
HSV	145°, 66%, 100%
XYZ	45.6912, 75.9465, 43.7035
YIQ	193.4820, -68.3490, -66.4050

# Conversions

## Conversions Part 2

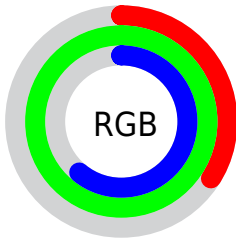
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 206, 255
Decimal	5767068
CIELab	89.83, -64.50, 34.94
CIElCh	90, 73.357, 151.554
Yxy	75.9465, 0.2763, 0.4593
Android (android.graphics.Color)	4283957148 (0xFF57FF9C)
YUV	193.4820, -18.4786, -93.3847
Hunter-Lab	87.1473, -58.9205, 31.2698

# Details

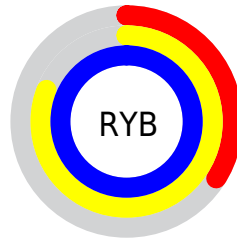
The Hex color **57FF9C** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF57BA**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **99FFD3**, and **00C568** is the 20% darker color. If you saturate the color by 10%, you get **3EFF8D**, and if you desaturate by 10%, it is **71FFAB**.

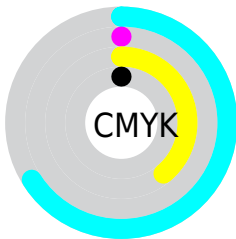
# Distribution



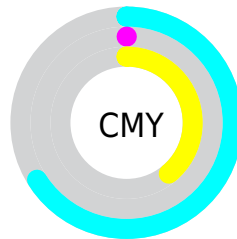
- Red (34%)
- Green (100%)
- Blue (61%)



- Red (34%)
- Yellow (81%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57FF9C 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 57FF9C by changing the saturation by 10% instead.



 57FF9C

 57FF9C

FFFFFF

 2DE281

 99FFD3

 00C568

 B8FFF0

 00A94E

 D7FFFF

 008D36

 F6FFFF

 00731E

 005902

 003F00

 002700

 000000

 57FF9C

 57FF9C

 3EFF8D

 71FFAB

 24FF7E

 8AFFBA

 0BFF6F

 A4FFC9

 00FF69

 BDFFD8

 D7FFE7

 F0FFF6

FFFFFF

# Harmonies

## Analogous

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



BEF363



57FF9C



00FE3

# Triad

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



57FF9C



49E8FF



FFAC9C

# Complementary

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



57FF9C



FF57BA

# 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.



FFA3E1



57FF9C



E9CEFF

# Square

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



57FF9C



00FAFF



FFB2FF



FFC565

# Rectangle

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



57FF9C



00FFFF



FFB2FF



FFA6B2

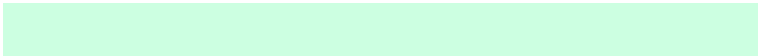


# Sweetspot

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



57FF9C



CCFFE1



BCFF57



61806D



000000



808080



# Same Dimension

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



57FF9C



36FF88



57FFEE



738078



00BF4F



00401A



# Inverse Universe

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



FF57BA



FF36AC



FF5768



80737A



BF0071

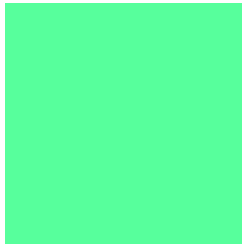


400026



# Previews

## White Background



This preview shows how the Hex color 57FF9C looks on a white background.

## Color Contrast Check

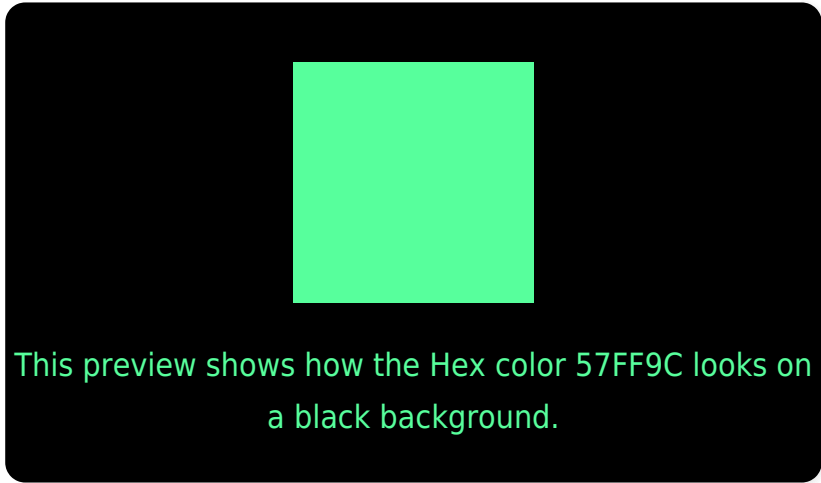
Large Text (above 18pt) WCAG AA × Fail

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

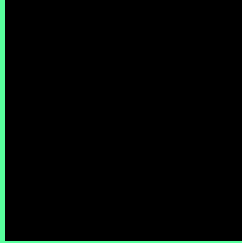
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

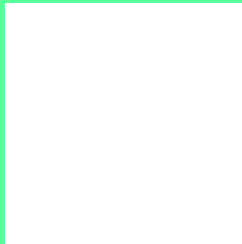
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57FF9C Background



This preview shows how black text looks on a background with the Hex color 57FF9C.

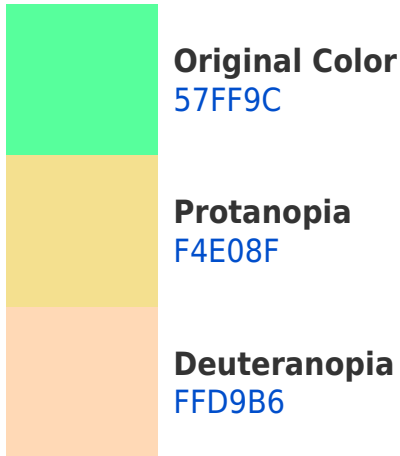


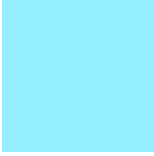
This preview shows how white text looks on a background with the Hex color 57FF9C.

# 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**  
95EFFF

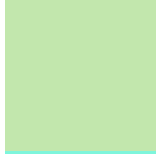
# Trichromacy



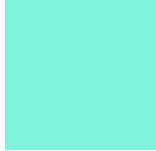
**Original Color**  
57FF9C



**Protanomaly**  
BBEB94

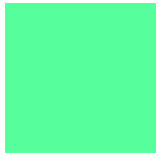


**Deuteranomaly**  
C2E7AD

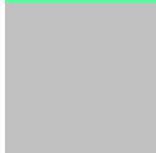


**Tritanomaly**  
7EF5DB

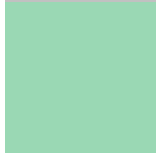
# Monochromacy



**Original Color**  
57FF9C



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
9AD8B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57FF9C 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 #57FF9C looks like.

```
.text, #text, p{  
    color:#57FF9C  
}
```

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 #57FF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57FF9C
}
```

## Border

The CSS property to change the border of an element to Hex 57FF9C 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
#57FF9C }
```

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

```
.border{ border-color:#57FF9C }
```

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

Here you see how a box with a 4 pixel #57FF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57FF9C; -webkit-box-shadow:4px 4px  
4px 4px #57FF9C; box-shadow:4px 4px 4px  
4px #57FF9C }
```

# Background

The CSS property to change the background color of an element to Hex 57FF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57FF9C }
```

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

```
.background{ background-color:#57FF9C }
```

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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