

# Converting Colors

Hex(52FF9C)

Have a look what the booklet for  
Hex(52FF9C) contains.

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**Color**

**Hex(52FF9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52FF9C
RGB	82, 255, 156
RGB Percent	32%, 100%, 61%
CMY	0.6784, 0.0000, 0.3882
CMYK	0.68, 0.00, 0.39, 0.00
HSL	146°, 100%, 66%
HSV	146°, 68%, 100%
XYZ	45.2404, 75.7141, 43.6824
YIQ	191.9870, -71.3290, -67.4650

# Conversions

## Conversions Part 2

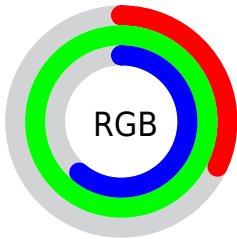
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 203, 255
Decimal	5439388
CIELab	89.73, -65.33, 34.78
CIELCh	90, 74.008, 151.969
Yxy	75.7141, 0.2748, 0.4599
Android (android.graphics.Color)	4283629468 (0xFF52FF9C)
YUV	191.9870, -17.7416, -96.4586
Hunter-Lab	87.0139, -59.4682, 31.1452

# Details

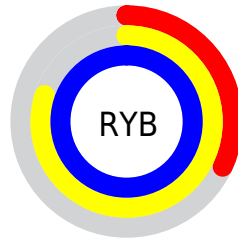
The Hex color **52FF9C** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF52B5**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **95FFD3**, and **00C568** is the 20% darker color. If you saturate the color by 10%, you get **39FF8D**, and if you desaturate by 10%, it is **6BFFAB**.

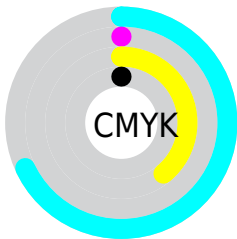
# Distribution



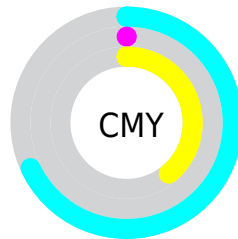
- Red (32%)
- Green (100%)
- Blue (61%)



- Red (32%)
- Yellow (80%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52FF9C 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 52FF9C by changing the saturation by 10% instead.



 52FF9C

 52FF9C

FFFFFF

 25E281

 95FFD3

 00C568

 B5FFF0

 00A94F

 D4FFFF

 008D36

 F3FFFF

 00731E

 005803

 003F00

 002700

 000000

 52FF9C

 52FF9C

 39FF8D

 6BFFAB

 1FFF7F

 85FFB9

 06FF70

 9FFFC8

 00FF6D

 B8FFD6

 D2FFE5

 EBFFF4

FFFFFF

# Harmonies

## Analogous

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



BCF362



52FF9C



00FE4

# Triad

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



52FF9C



48E8FF



FFAB9B

# Complementary

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



52FF9C



FF52B5

# 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.



FFA1E0



52FF9C



EACDFF

# Square

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



52FF9C



00FAFF



FFB0FF



FFC563

# Rectangle

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



52FF9C



00FFFF



FFB0FF



FFA6B1

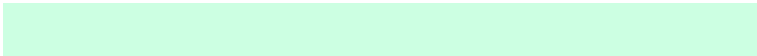


# Sweetspot

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



52FF9C



CCFFE2



B7FF52



61806E



000000



808080



# Same Dimension

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



52FF9C



30FF89



52FFF1



738078



00BF52



00401B



# Inverse Universe

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



FF52B5



FF30A7



FF5260



80737A



BF006D

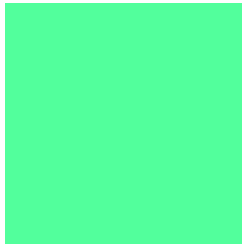


400024



# Previews

## White Background



This preview shows how the Hex color 52FF9C looks on a white background.

## Color Contrast Check

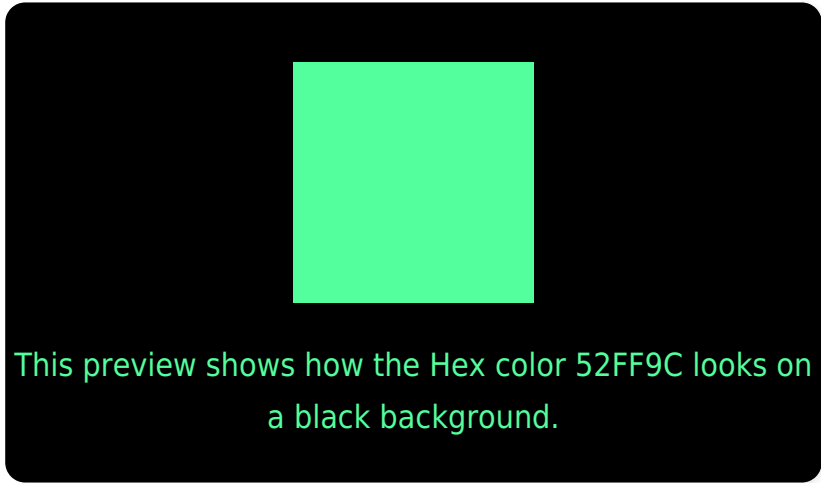
Large Text (above 18pt) WCAG AA × Fail

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

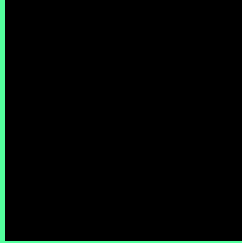
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52FF9C Background



This preview shows how black text looks on a background with the Hex color 52FF9C.

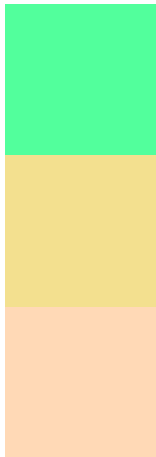


This preview shows how white text looks on a background with the Hex color 52FF9C.

# 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](#).

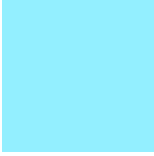
## Dichromacy



**Original Color**  
52FF9C

**Protanopia**  
F3E08F

**Deuteranopia**  
FFD9B6



**Tritanopia**  
93EFFF

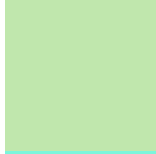
# Trichromacy



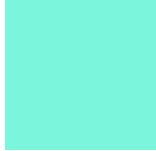
**Original Color**  
52FF9C



**Protanomaly**  
B8EB94

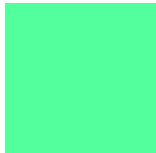


**Deuteranomaly**  
C0E7AD

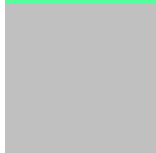


**Tritanomaly**  
7BF5DB

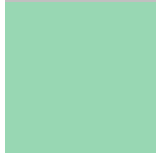
# Monochromacy



**Original Color**  
52FF9C



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
98D7B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52FF9C 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 #52FF9C looks like.

```
.text, #text, p{  
    color:#52FF9C  
}
```

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 #52FF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52FF9C
}
```

## Border

The CSS property to change the border of an element to Hex 52FF9C 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
#52FF9C }
```

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

```
.border{ border-color:#52FF9C }
```

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

Here you see how a box with a 4 pixel #52FF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52FF9C; -webkit-box-shadow:4px 4px  
4px 4px #52FF9C; box-shadow:4px 4px 4px  
4px #52FF9C }
```

# Background

The CSS property to change the background color of an element to Hex 52FF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52FF9C }
```

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

```
.background{ background-color:#52FF9C }
```

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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