

# Converting Colors

Hex(52FFA8)

Have a look what the booklet for  
Hex(52FFA8) contains.

<b>Hex(52FFA8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(52FFA8)

# Conversions

## Conversions Part 1

Format	Color
Hex	52FFA8
RGB	82, 255, 168
RGB Percent	32%, 100%, 66%
CMY	0.6784, 0.0000, 0.3412
CMYK	0.68, 0.00, 0.34, 0.00
HSL	150°, 100%, 66%
HSV	150°, 68%, 100%
XYZ	46.3076, 76.1410, 49.3018
YIQ	193.3550, -75.1810, -63.7330

# Conversions

## Conversions Part 2

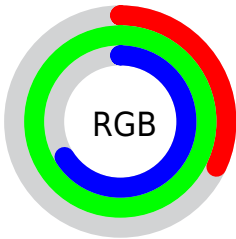
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 198, 255
Decimal	5439400
CIELab	89.92, -63.14, 29.05
CIELCh	90, 69.499, 155.292
Yxy	76.1410, 0.2696, 0.4433
Android (android.graphics.Color)	4283629480 (0xFF52FFA8)
YUV	193.3550, -12.5000, -97.6583
Hunter-Lab	87.2588, -57.9744, 27.5819

# Details

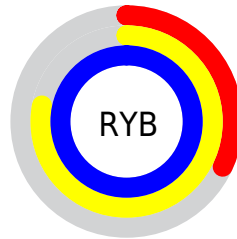
The Hex color **52FFA8** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **FF52A9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **95FFE0**, and **00C573** is the 20% darker color. If you saturate the color by 10%, you get **39FF9B**, and if you desaturate by 10%, it is **6BFFB5**.

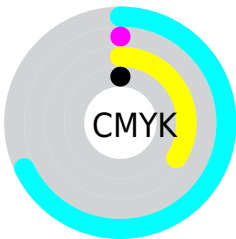
# Distribution



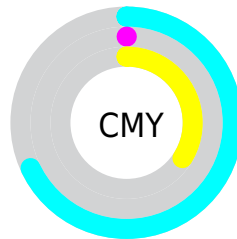
- Red (32%)
- Green (100%)
- Blue (66%)



- Red (32%)
- Yellow (78%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52FFA8 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 52FFA8 by changing the saturation by 10% instead.



 52FFA8

FFFFFF

 95FFE0

 B5FFFC

 D4FFFF

 F3FFFF

 52FFA8

 25E28D

 00C573

 00A95A

 008D42

 00732A

 005913

 004000

 002800

 000000

 52FFA8

 52FFA8

 39FF9B

 6BFFB5

 1FFF8E

 85FFC2

 06FF82

 9FFFC2

 00FF7F

 B8FFDB

 D2FFE8

 EBFFF5

FFFFFF

# Harmonies

## Analogous

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



B7F470



52FFA8



00FFEC

# Triad

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



52FFA8



79E5FF



FFB399

# Complementary

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



52FFA8



FF52A9

# 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.



FFA7D9



52FFA8



F6CCFF

# Square

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



52FFA8



00F8FF



FFB2FF



FFCB68

# Rectangle

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



52FFA8



00FFFF



FFB2FF



FFADAD

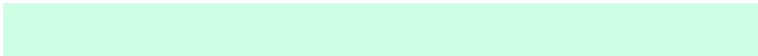


# Sweetspot

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



52FFA8



CCFFE5



ABFF52



618070



000000



808080



# Same Dimension

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



52FFA8



30FF97



52FFFC



738079



00BF5F



004020



# Inverse Universe

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



FF52A9



FF3098



FF5255



807379



BF0060

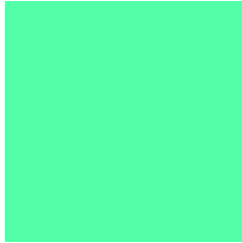


400020



# Previews

## White Background



This preview shows how the Hex color 52FFA8 looks on a white background.

## Color Contrast Check

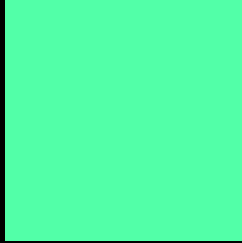
Large Text (above 18pt) WCAG AA × Fail

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 52FFA8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

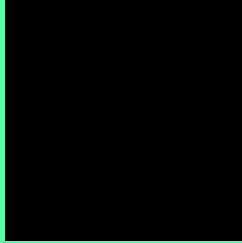
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 52FFA8 Background



This preview shows how black text looks on a background with the Hex color 52FFA8.

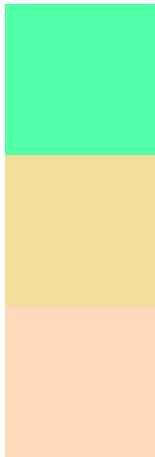


This preview shows how white text looks on a background with the Hex color 52FFA8.

# 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](#).

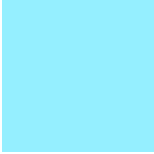
## Dichromacy



**Original Color**  
52FFA8

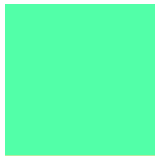
**Protanopia**  
F2E09B

**Deuteranopia**  
FFD9BB



**Tritanopia**  
95EFFF

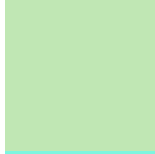
# Trichromacy



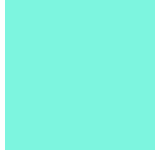
**Original Color**  
52FFA8



**Protanomaly**  
B8EBA0



**Deuteranomaly**  
C0E7B4

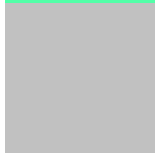


**Tritanomaly**  
7DF5DF

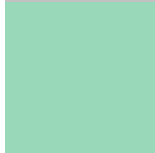
# Monochromacy



**Original Color**  
52FFA8



**Achromatopsia**  
C1C1C1



**Achromatomaly**  
99D8B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52FFA8 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 #52FFA8 looks like.

```
.text, #text, p{  
    color:#52FFA8  
}
```

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 #52FFA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52FFA8
}
```

## Border

The CSS property to change the border of an element to Hex 52FFA8 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
#52FFA8 }
```

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

```
.border{ border-color:#52FFA8 }
```

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

Here you see how a box with a 4 pixel #52FFA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52FFA8; -webkit-box-shadow:4px 4px  
4px 4px #52FFA8; box-shadow:4px 4px 4px  
4px #52FFA8 }
```

# Background

The CSS property to change the background color of an element to Hex 52FFA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52FFA8 }
```

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

```
.background{ background-color:#52FFA8 }
```

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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