

Converting Colors

Hex(8FF4C9)

Have a look what the booklet for
Hex(8FF4C9) contains.

Hex(8FF4C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8FF4C9)

Conversions

Conversions Part 1

Format	Color
Hex	8FF4C9
RGB	143, 244, 201
RGB Percent	56%, 96%, 79%
CMY	0.4392, 0.0431, 0.2118
CMYK	0.41, 0.00, 0.18, 0.04
HSL	154°, 82%, 76%
HSV	154°, 41%, 96%
XYZ	54.2210, 74.7581, 66.8303
YIQ	208.8990, -46.3930, -34.7850

Conversions

Conversions Part 2

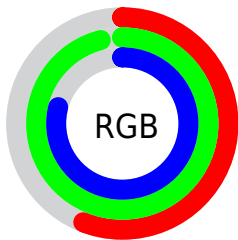
Format	Color
R _Y B	143, 207, 244
Decimal	9434313
CIE _{Lab}	89.28, -39.11, 11.55
CIE _{LCh}	89, 40.780, 163.550
Y _{xy}	74.7581, 0.2769, 0.3818
Android (android.graphics.Color)	4287624393 (0xFF8FF4C9)
YUV	208.8990, -3.8942, -57.7934
Hunter-Lab	86.4627, -39.3720, 14.6964

Details

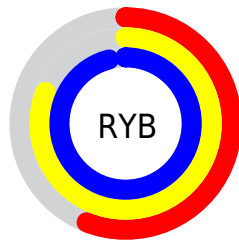
The Hex color **8FF4C9** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F48FBA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **C8FFFF**, and **56BB93** is the 20% darker color. If you saturate the color by 10%, you get **77F4BF**, and if you desaturate by 10%, it is **A7F4D3**.

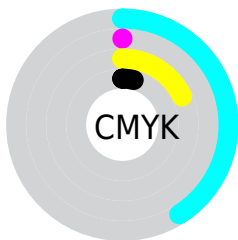
Distribution



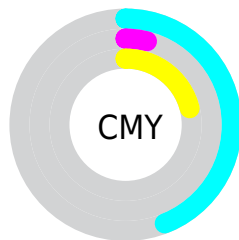
- Red (56%)
- Green (96%)
- Blue (79%)



- Red (56%)
- Yellow (81%)
- Blue (96%)



- Cyan (41%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8FF4C9 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 8FF4C9 by changing the saturation by 10% instead.

 8FF4C9

 8FF4C9

FFFFFF

 73D7AE

 C8FFFF

 56BB93

 E6FFFF

 39A079

 138560

 006B49

 005232

 003A1D

 002604

 000000

 8FF4C9

 8FF4C9

 77F4BF

 A7F4D3

 5EF4B4

 C0F4DE

 46F4AA

 D8F4E8

 2DF49F

 F1F4F3

 15F495

 FFF4FD

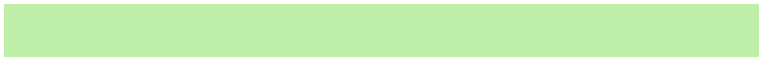
 00F48C

 FFF4FF

Harmonies

Analogous

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



BEEEA7



8FF4C9



64F6F1

Triad

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



8FF4C9



C6DEFF



FFCAAC

Complementary

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



8FF4C9



F48FBA

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.



FFC3D0



8FF4C9



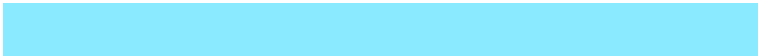
FCD0FF

Square

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



8FF4C9



8AEAFF



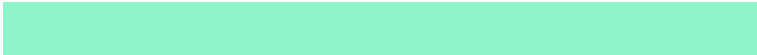
FFC5F7



FFD796

Rectangle

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



8FF4C9



58F4FF



FFC5F7



FFC7B7

Sweetspot

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



8FF4C9



E0FFF2



BBF48F



6E8078



000000



808080

Same Dimension

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



8FF4C9



80FFC9



8FEDF4



6E7A75



00BA6B



003B22

Inverse Universe

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



F48FBA



FF80B6



F4968F



7A6E73



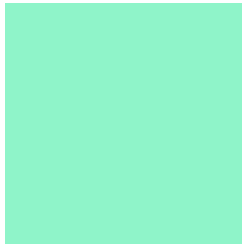
BA004F



3B0019

Previews

White Background



This preview shows how the Hex color 8FF4C9 looks on a white background.

Color Contrast Check

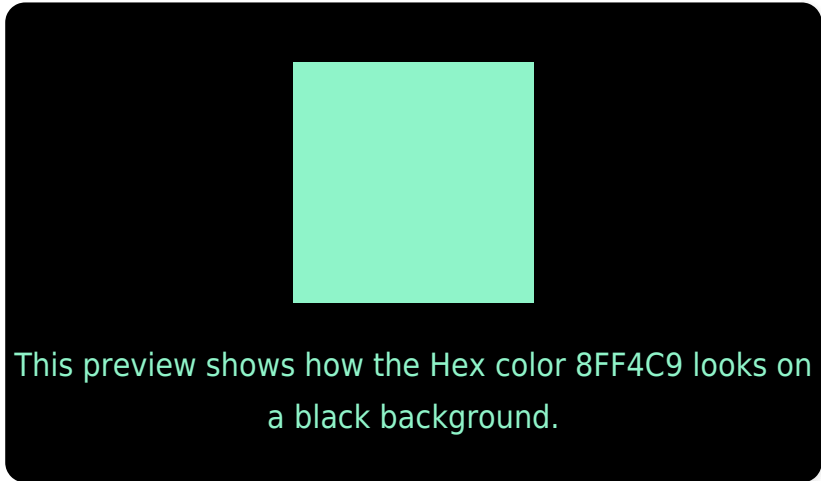
Large Text (above 18pt) WCAG AA × Fail

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

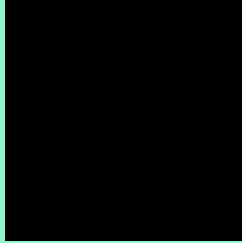
Any Text WCAG AA ✓ Pass

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 8FF4C9 Background



This preview shows how black text looks on a background with the Hex color 8FF4C9.

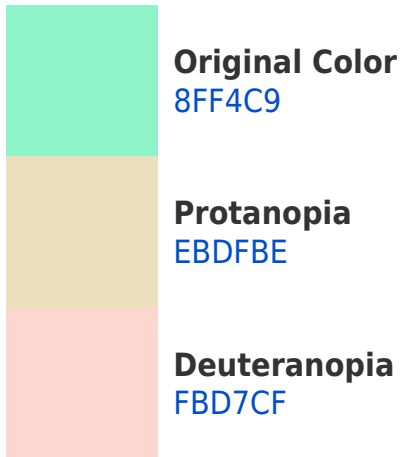


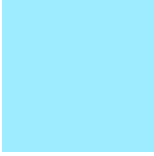
This preview shows how white text looks on a background with the Hex color 8FF4C9.

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



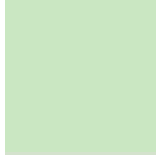


Tritanopia
9EECFE

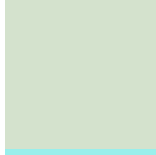
Trichromacy



Original Color
8FF4C9



Protanomaly
CAE7C2



Deuteranomaly
D4E2CD

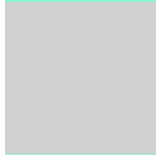


Tritanomaly
99EFEB

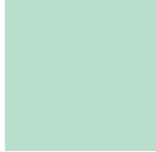
Monochromacy



Original Color
8FF4C9



Achromatopsia
D1D1D1



Achromatomaly
B9DECE

CSS Examples

Text

The CSS property to change the color of the text to Hex 8FF4C9 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 #8FF4C9 looks like.

```
.text, #text, p{  
    color:#8FF4C9  
}
```

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 #8FF4C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF4C9
}
```

Border

The CSS property to change the border of an element to Hex 8FF4C9 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
#8FF4C9 }
```

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

```
.border{ border-color:#8FF4C9 }
```

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

Here you see how a box with a 4 pixel #8FF4C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF4C9; -webkit-box-shadow:4px 4px  
4px 4px #8FF4C9; box-shadow:4px 4px 4px  
4px #8FF4C9 }
```

Background

The CSS property to change the background color of an element to Hex 8FF4C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF4C9 }
```

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

```
.background{ background-color:#8FF4C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor