

Converting Colors

Hex(9FF2C7)

Have a look what the booklet for
Hex(9FF2C7) contains.

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Color

Hex(9FF2C7)

Conversions

Conversions Part 1

Format	Color
Hex	9FF2C7
RGB	159, 242, 199
RGB Percent	62%, 95%, 78%
CMY	0.3765, 0.0510, 0.2196
CMYK	0.34, 0.00, 0.18, 0.05
HSL	149°, 76%, 79%
HSV	149°, 34%, 95%
XYZ	56.3590, 74.9987, 65.5386
YIQ	212.2810, -35.6650, -30.9690

Conversions

Conversions Part 2

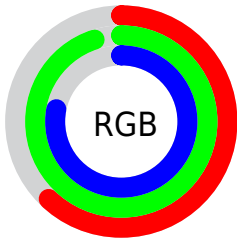
Format	Color
R _Y B	159, 215, 242
Decimal	10482375
CIE Lab	89.39, -34.22, 12.84
CIE LCh	89, 36.549, 159.424
Yxy	74.9987, 0.2862, 0.3809
Android (android.graphics.Color)	4288672455 (0xFF9FF2C7)
YUV	212.2810, -6.5475, -46.7274
Hunter-Lab	86.6018, -35.3883, 15.7517

Details

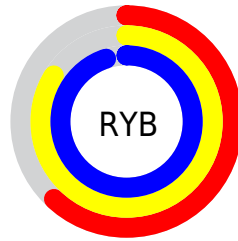
The Hex color **9FF2C7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F29FCA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D8FFFF**, and **68B991** is the 20% darker color. If you saturate the color by 10%, you get **87F2BA**, and if you desaturate by 10%, it is **B7F2D4**.

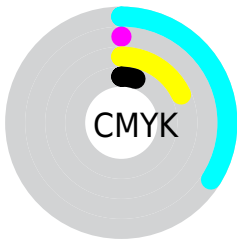
Distribution



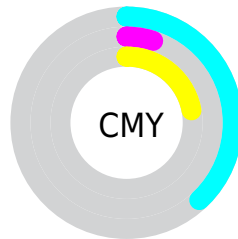
- Red (62%)
- Green (95%)
- Blue (78%)



- Red (62%)
- Yellow (84%)
- Blue (95%)



- Cyan (34%)
- Magenta (0%)
- Yellow (18%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FF2C7 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 9FF2C7 by changing the saturation by 10% instead.

 9FF2C7

 9FF2C7

FFFFFF

 83D5AC

 D8FFFF

 68B991

 F5FFFF

 4D9E77

 31845F

 106A47

 005130

 003A1B

 002501

 000000

 9FF2C7

 9FF2C7

 87F2BA

 B7F2D4

 6FF2AE

 CFF2E0

 56F2A1

 E8F2ED

 3EF295

 FFF2F9

 26F288

 FFF2FF

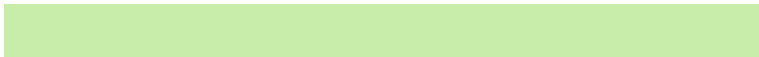
 0EF27C

 00F275

Harmonies

Analogous

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



C8ECAA



9FF2C7



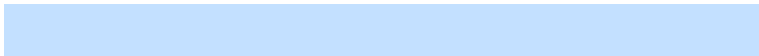
7CF4EB

Triad

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



9FF2C7



C3E0FF



FFCCB6

Complementary

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



9FF2C7



F29FCA

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.



F4D4FF



9FF2C7



F4D4FF

Square

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



9FF2C7



91EBFF



FFCAFA



FFD6A0

Rectangle

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



9FF2C7



71F3FF



FFCAFA



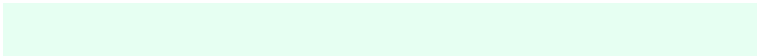
FFC9C0

Sweetspot

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



9FF2C7



E6FFF2



CBF29F



708078



000000



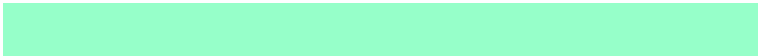
808080

Same Dimension

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



9FF2C7



96FFC9



9FF2EF



6C7872



00B858



00381B

Inverse Universe

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



F29FCA



FF96CD



F29FA2



786C72



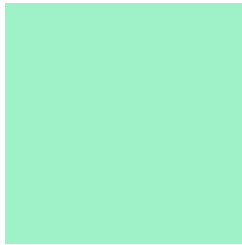
B8005F



38001D

Previews

White Background



This preview shows how the Hex color 9FF2C7 looks on a white background.

Color Contrast Check

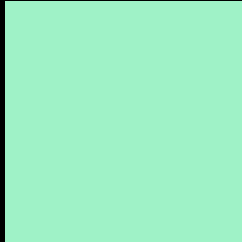
Large Text (above 18pt) WCAG AA × Fail

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 9FF2C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

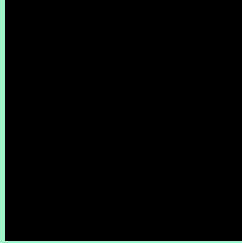
Any Text WCAG AA ✓ Pass

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 9FF2C7 Background



This preview shows how black text looks on a background with the Hex color 9FF2C7.

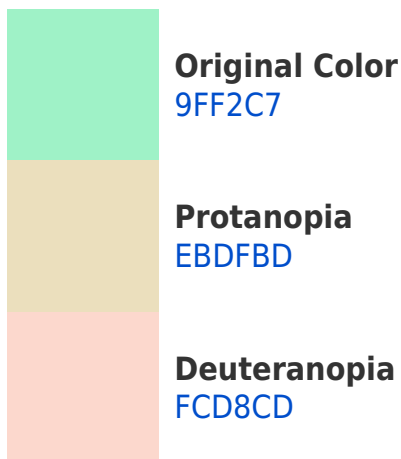


This preview shows how white text looks on a background with the Hex color 9FF2C7.

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](#).

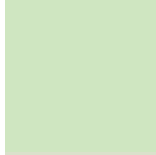
Dichromacy



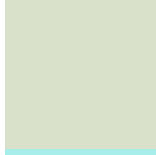
Trichromacy



Original Color
9FF2C7



Protanomaly
CFE6C1



Deuteranomaly
DAE1CB

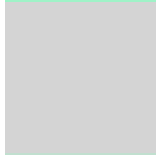


Tritanomaly
A7EDE9

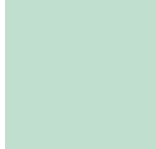
Monochromacy



Original Color
9FF2C7



Achromatopsia
D4D4D4



Achromatomaly
C1DFCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FF2C7 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 #9FF2C7 looks like.

```
.text, #text, p{  
    color:#9FF2C7  
}
```

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 #9FF2C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FF2C7
}
```

Border

The CSS property to change the border of an element to Hex 9FF2C7 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
#9FF2C7 }
```

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

```
.border{ border-color:#9FF2C7 }
```

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

Here you see how a box with a 4 pixel #9FF2C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FF2C7; -webkit-box-shadow:4px 4px  
4px 4px #9FF2C7; box-shadow:4px 4px 4px  
4px #9FF2C7 }
```

Background

The CSS property to change the background color of an element to Hex 9FF2C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FF2C7 }
```

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

```
.background{ background-color:#9FF2C7 }
```

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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