

Converting Colors

Hex(9FFCC2)

Have a look what the booklet for
Hex(9FFCC2) contains.

Hex(9FFCC2)	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(9FFCC2)

Conversions

Conversions Part 1

Format	Color
Hex	9FFCC2
RGB	159, 252, 194
RGB Percent	62%, 99%, 76%
CMY	0.3765, 0.0118, 0.2392
CMYK	0.37, 0.00, 0.23, 0.01
HSL	143°, 94%, 81%
HSV	143°, 37%, 99%
XYZ	58.8461, 80.8868, 63.5501
YIQ	217.5810, -36.8100, -37.7540

Conversions

Conversions Part 2

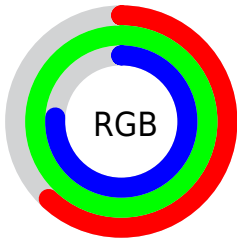
Format	Color
RYB	159, 227, 252
Decimal	10484930
CIELab	92.08, -39.72, 19.21
CIELCh	92, 44.117, 154.193
Yxy	80.8868, 0.2895, 0.3979
Android (android.graphics.Color)	4288675010 (0xFF9FFCC2)
YUV	217.5810, -11.6254, -51.3755
Hunter-Lab	89.9371, -40.5968, 21.0612

Details

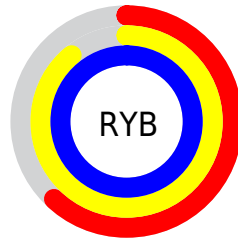
The Hex color **9FFCC2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FC9FD9**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D8FFFB**, and **67C38C** is the 20% darker color. If you saturate the color by 10%, you get **86FCB2**, and if you desaturate by 10%, it is **B8FCD2**.

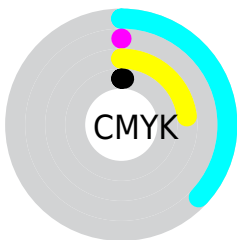
Distribution



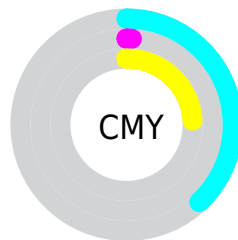
- Red (62%)
- Green (99%)
- Blue (76%)



- Red (62%)
- Yellow (89%)
- Blue (99%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (38%)
- Magenta (1%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FFCC2 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 9FFCC2 by changing the saturation by 10% instead.

 9FFCC2

 9FFCC2

FFFFFF

 83DFA7

 D8FFFB

 67C38C

 F6FFFF

 4CA773

 2E8C5A

 047242

 00592B

 004116

 002B00

 000E00

 9FFCC2

 9FFCC2

 86FCB2

 B8FCD2

 6DFCA3

 D1FCE1

 53FC93

 EBFCF1

 3AFC83

 FFFCFF

 21FC73

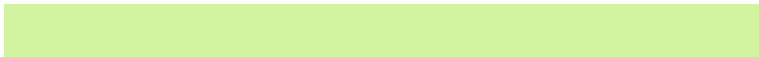
 08FC64

 00FC5F

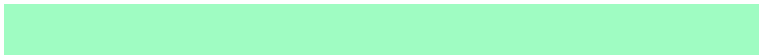
Harmonies

Analogous

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



D2F4A1



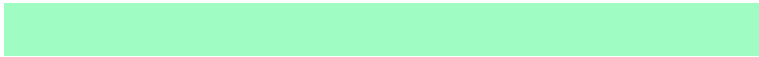
9FFCC2



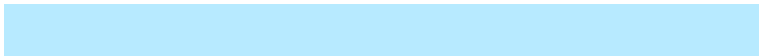
6AFFED

Triad

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



9FFCC2



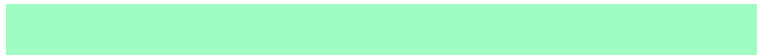
B7EAFF



FFCCBB

Complementary

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



9FFCC2



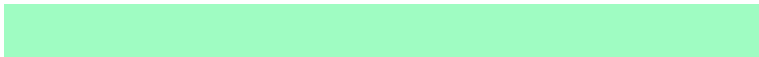
FC9FD9

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.



FFC8E4



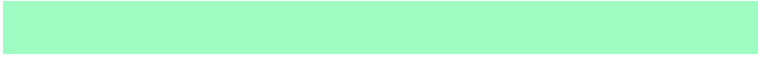
9FFCC2



F5DBFF

Square

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



9FFCC2



72F7FF



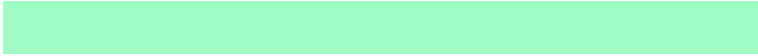
FFCEFF



FFD99D

Rectangle

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



9FFCC2



4EFFFF



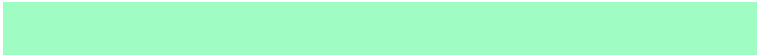
FFCEFF



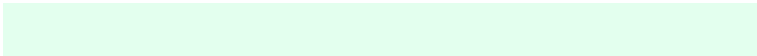
FFCAC8

Sweetspot

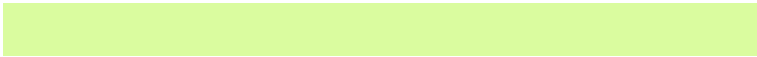
The Sweet Spot groups the original color and five complimentary colors.



9FFCC2



E3FFEE



DAFC9F



6F8075



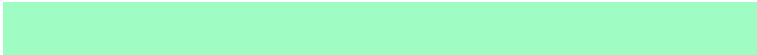
000000



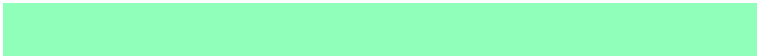
808080

Same Dimension

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



9FFCC2



8FFFB9



9FFCF0



707D75



00BD47



003D17

Inverse Universe

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



FC9FD9



FF8FD5



FC9FAB



7D7078



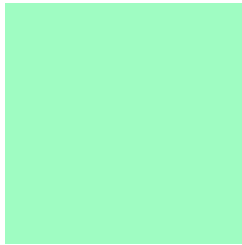
BD0076



3D0026

Previews

White Background



This preview shows how the Hex color 9FFCC2 looks on a white background.

Color Contrast Check

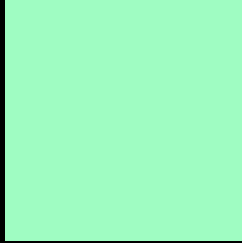
Large Text (above 18pt) WCAG AA × Fail

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 9FFCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

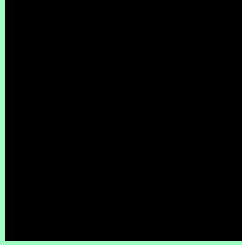
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

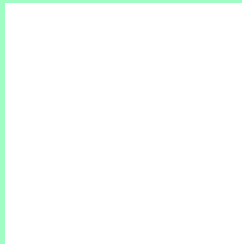
Any Text WCAG AAA ✓ Pass

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

Hex 9FFCC2 Background



This preview shows how black text looks on a background with the Hex color 9FFCC2.

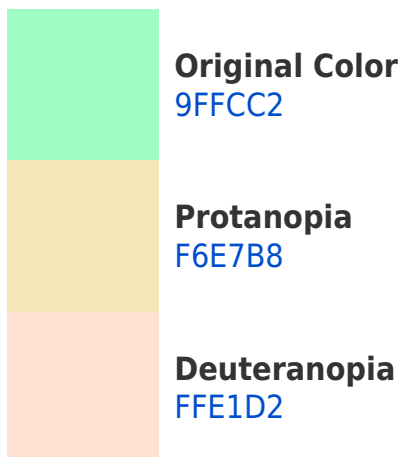


This preview shows how white text looks on a background with the Hex color 9FFCC2.

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](#).

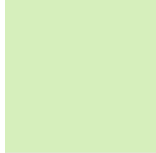
Dichromacy



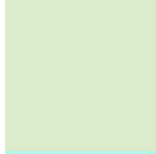
Trichromacy



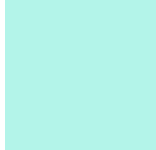
Original Color
9FFCC2



Protanomaly
D6EFBC

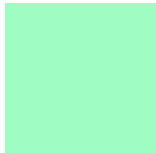


Deuteranomaly
DCEBCC

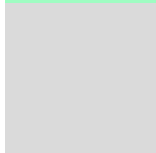


Tritanomaly
B3F4E9

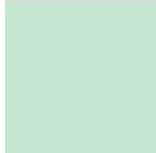
Monochromacy



Original Color
9FFCC2



Achromatopsia
DADADA



Achromatomaly
C5E6D1

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FFCC2 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 #9FFCC2 looks like.

```
.text, #text, p{  
    color:#9FFCC2  
}
```

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 #9FFCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FFCC2
}
```

Border

The CSS property to change the border of an element to Hex 9FFCC2 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
#9FFCC2 }
```

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

```
.border{ border-color:#9FFCC2 }
```

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

Here you see how a box with a 4 pixel #9FFCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FFCC2; -webkit-box-shadow:4px 4px  
4px 4px #9FFCC2; box-shadow:4px 4px 4px  
4px #9FFCC2 }
```

Background

The CSS property to change the background color of an element to Hex 9FFCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FFCC2 }
```

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

```
.background{ background-color:#9FFCC2 }
```

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