

Converting Colors

Hex(9FD2CB)

Have a look what the booklet for
Hex(9FD2CB) contains.

Hex(9FD2CB)	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(9FD2CB)

Conversions

Conversions Part 1

Format	Color
Hex	9FD2CB
RGB	159, 210, 203
RGB Percent	62%, 82%, 80%
CMY	0.3765, 0.1765, 0.2039
CMYK	0.24, 0.00, 0.03, 0.18
HSL	172°, 36%, 72%
HSV	172°, 24%, 82%
XYZ	48.1242, 57.7759, 65.1154
YIQ	193.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

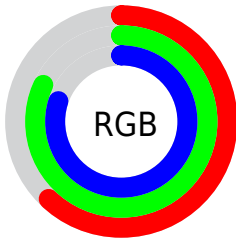
Format	Color
RYB	159, 186, 210
Decimal	10474187
CIELab	80.61, -17.92, -1.93
CIElCh	81, 18.028, 186.132
Yxy	57.7759, 0.2814, 0.3378
Android (android.graphics.Color)	4288664267 (0xFF9FD2CB)
YUV	193.9530, 4.4602, -30.6538
Hunter-Lab	76.0105, -20.0054, 2.4158

Details

The Hex color **9FD2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D29FA6**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **D7FFFF**, and **6A9B95** is the 20% darker color. If you saturate the color by 10%, you get **8AD2C8**, and if you desaturate by 10%, it is **B4D2CE**.

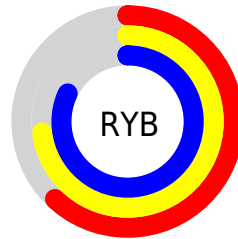
Distribution



Red (62%)

Green (82%)

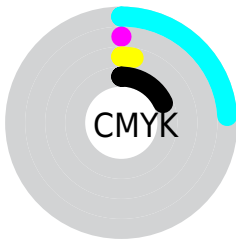
Blue (80%)



Red (62%)

Yellow (73%)

Blue (82%)

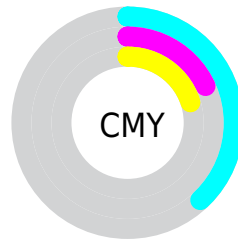


Cyan (24%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (38%)

Magenta (18%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FD2CB 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 9FD2CB by changing the saturation by 10% instead.

 9FD2CB

 9FD2CB


FFFFFF

 84B6B0

 D7FFFF

 6A9B95

 F3FFFF

 51817B

 386862

 1F504B

 013934

 00231F

 000407

 000000

 9FD2CB

 9FD2CB

 8AD2C8

 B4D2CE

 75D2C5

 C9D2D1

 60D2C2

 DED2D4

 4BD2BF

 F3D2D7

 36D2BD

 FFD2D9

 21D2BA

 FFD2DC

 0CD2B7

 FFD2DF

 00D2B5

 FFD2E2

 FFD2E5

Harmonies

Analogous

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



ACD1BA



9FD2CB



9CD1DB

Triad

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



9FD2CB



D0C3E3



E2C2AA

Complementary

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



9FD2CB



D29FA6

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.



EBBEB5



9FD2CB



E1BED6

Square

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



9FD2CB



BAC8E9



EBBCC5



D2C8A7

Rectangle

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



9FD2CB



A2CFE3



EBBCC5



E5C1AD

Sweetspot

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



9FD2CB



EDFFFD



A7D29F



75807E



000000



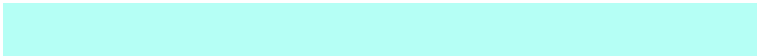
808080

Same Dimension

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



9FD2CB



B5FFF5



9FC0D2



5E6967



00A891



002923

Inverse Universe

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



D29FA6



FFB5BF



D2B19F



695E60



A80017



290006

Previews

White Background



This preview shows how the Hex color 9FD2CB looks on a white background.

Color Contrast Check

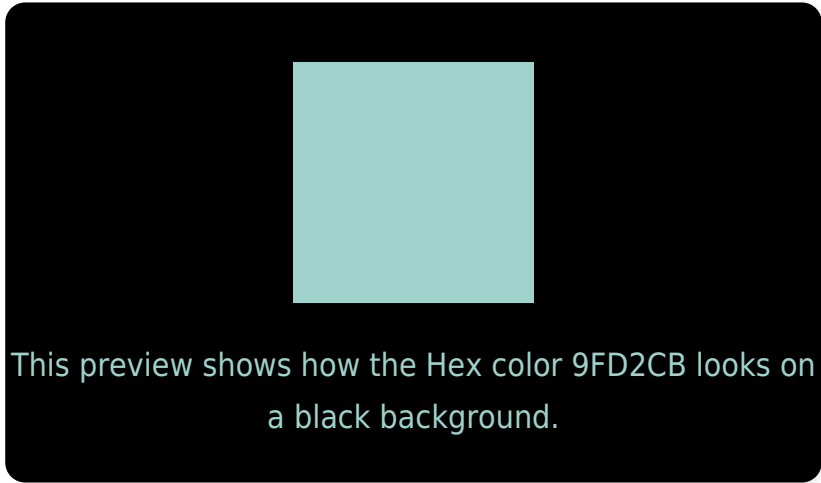
Large Text (above 18pt) WCAG AA × Fail

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

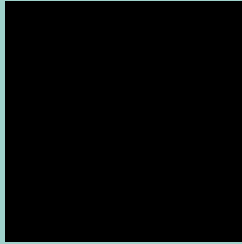
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

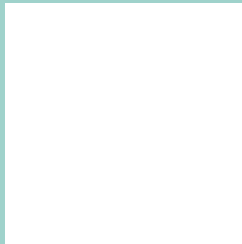
Any Text WCAG AAA ✓ Pass

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

Hex 9FD2CB Background



This preview shows how black text looks on a background with the Hex color 9FD2CB.



This preview shows how white text looks on a background with the Hex color 9FD2CB.

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](#).

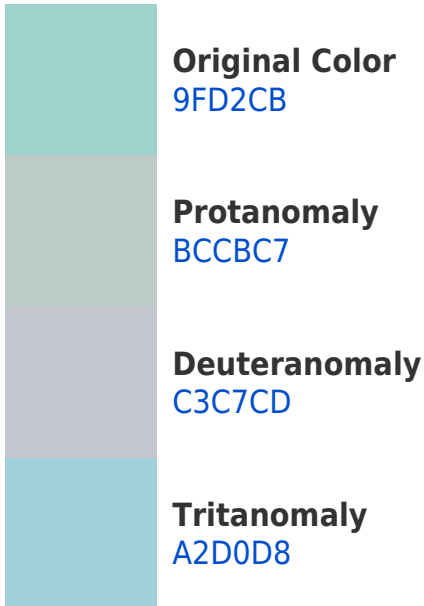
Dichromacy



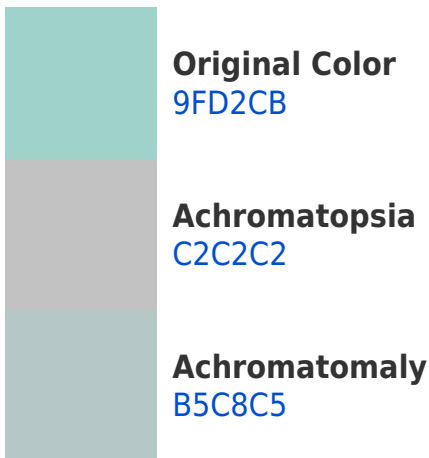


Tritanopia
A3CFDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FD2CB 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 #9FD2CB looks like.

```
.text, #text, p{  
    color:#9FD2CB  
}
```

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 #9FD2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FD2CB  
}
```

Border

The CSS property to change the border of an element to Hex 9FD2CB 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  
#9FD2CB }
```

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

```
.border{ border-color:#9FD2CB }
```

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

Here you see how a box with a 4 pixel #9FD2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FD2CB; -webkit-box-shadow:4px 4px  
4px 4px #9FD2CB; box-shadow:4px 4px 4px  
4px #9FD2CB }
```

Background

The CSS property to change the background color of an element to Hex 9FD2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FD2CB }
```

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

```
.background{ background-color:#9FD2CB }
```

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