

Converting Colors

Hex(96F4C1)

Have a look what the booklet for
Hex(96F4C1) contains.

Hex(96F4C1)	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(96F4C1)

Conversions

Conversions Part 1

Format	Color
Hex	96F4C1
RGB	150, 244, 193
RGB Percent	59%, 96%, 76%
CMY	0.4118, 0.0431, 0.2431
CMYK	0.39, 0.00, 0.21, 0.04
HSL	147°, 81%, 77%
HSV	147°, 39%, 96%
XYZ	54.5540, 75.0357, 62.0601
YIQ	210.0800, -39.6530, -35.7890

Conversions

Conversions Part 2

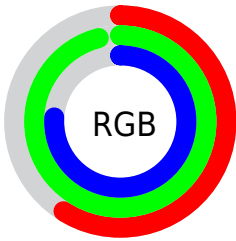
Format	Color
RYB	150, 214, 244
Decimal	9893057
CIELab	89.41, -38.82, 15.92
CIELCh	89, 41.961, 157.708
Yxy	75.0357, 0.2847, 0.3915
Android (android.graphics.Color)	4288083137 (0xFF96F4C1)
YUV	210.0800, -8.4204, -52.6902
Hunter-Lab	86.6231, -39.1737, 18.1586

Details

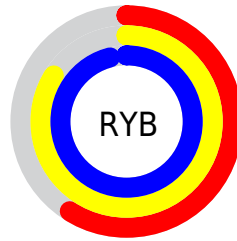
The Hex color **96F4C1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F496C9**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **CFFFFA**, and **5EBB8B** is the 20% darker color. If you saturate the color by 10%, you get **7EF4B4**, and if you desaturate by 10%, it is **AEF4CE**.

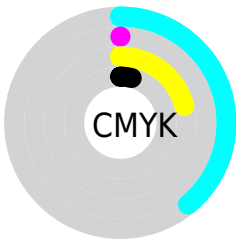
Distribution



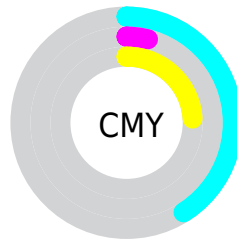
- Red (59%)
- Green (96%)
- Blue (76%)



- Red (59%)
- Yellow (84%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96F4C1 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 96F4C1 by changing the saturation by 10% instead.

 96F4C1

FFFFFF

 CFFFFA

 ECFFFF

 96F4C1

 7AD7A6

 5EBB8B

 42A072

 238559

 006B42

 00532B

 003A16

 002600

 000000

 96F4C1

 96F4C1

 7EF4B4

 AEF4CE

 65F4A7

 C7F4DB

 4DF499

 DFF4E9

 34F48C

 F8F4F6

 1CF47F

 FFF4FF

 04F472

 00F470

Harmonies

Analogous

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



C6EDA0



96F4C1



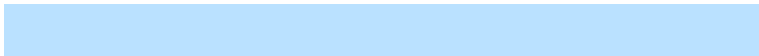
66F7EA

Triad

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



96F4C1



BAE1FF



FFC8B2

Complementary

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



96F4C1



F496C9

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.



FFC2D8



96F4C1



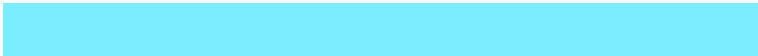
F3D3FF

Square

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



96F4C1



7AEDFF



FFC6FF



FFD497

Rectangle

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



96F4C1



51F6FF



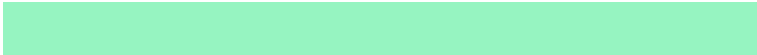
FFC6FF



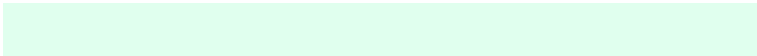
FFC5BD

Sweetspot

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



96F4C1



E0FFEE



CAF496



6E8076



000000



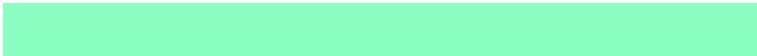
808080

Same Dimension

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



96F4C1



8AFFBF



96F4EF



6E7A74



00BA55



003B1B

Inverse Universe

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



F496C9



FF8AC9



F4969B



7A6E75



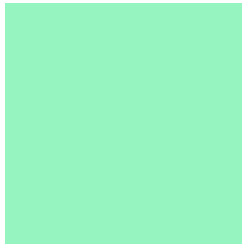
BA0065



3B0020

Previews

White Background



This preview shows how the Hex color 96F4C1 looks on a white background.

Color Contrast Check

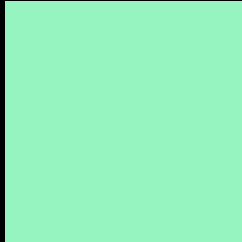
Large Text (above 18pt) WCAG AA × Fail

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 96F4C1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

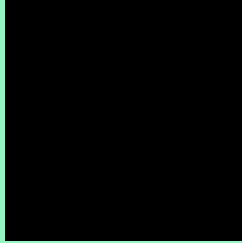
Any Text WCAG AA ✓ Pass

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 96F4C1 Background



This preview shows how black text looks on a background with the Hex color 96F4C1.

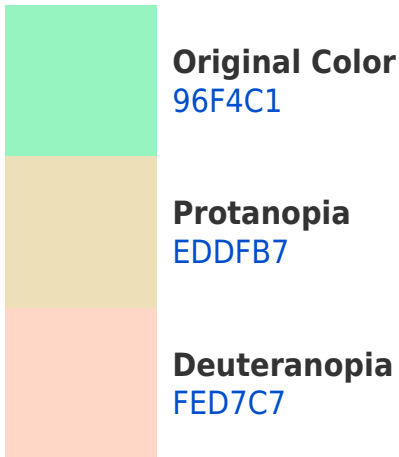


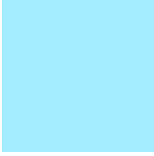
This preview shows how white text looks on a background with the Hex color 96F4C1.

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



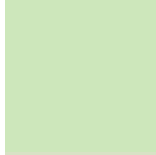


Tritanopia
A4ECFF

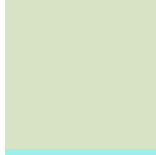
Trichromacy



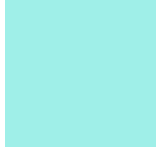
Original Color
96F4C1



Protanomaly
CDE7BB



Deuteranomaly
D8E2C5

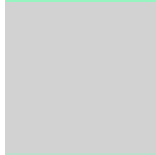


Tritanomaly
9FEFE8

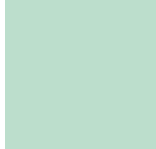
Monochromacy



Original Color
96F4C1



Achromatopsia
D2D2D2



Achromatomaly
BCDECC

CSS Examples

Text

The CSS property to change the color of the text to Hex 96F4C1 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 #96F4C1 looks like.

```
.text, #text, p{  
    color:#96F4C1  
}
```

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 #96F4C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96F4C1
}
```

Border

The CSS property to change the border of an element to Hex 96F4C1 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
#96F4C1 }
```

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

```
.border{ border-color:#96F4C1 }
```

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

Here you see how a box with a 4 pixel #96F4C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96F4C1; -webkit-box-shadow:4px 4px  
4px 4px #96F4C1; box-shadow:4px 4px 4px  
4px #96F4C1 }
```

Background

The CSS property to change the background color of an element to Hex 96F4C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96F4C1 }
```

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

```
.background{ background-color:#96F4C1 }
```

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