

Converting Colors

Hex(7CF8A9)

Have a look what the booklet for
Hex(7CF8A9) contains.

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Color

Hex(7CF8A9)

Conversions

Conversions Part 1

Format	Color
Hex	7CF8A9
RGB	124, 248, 169
RGB Percent	49%, 97%, 66%
CMY	0.5137, 0.0275, 0.3373
CMYK	0.50, 0.00, 0.32, 0.03
HSL	142°, 90%, 73%
HSV	142°, 50%, 97%
XYZ	49.0410, 74.2845, 49.2897
YIQ	201.9180, -48.5450, -50.8570

Conversions

Conversions Part 2

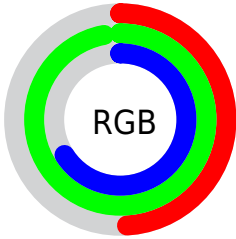
Format	Color
RYB	124, 215, 248
Decimal	8190121
CIELab	89.06, -51.80, 27.57
CIELCh	89, 58.679, 151.980
Yxy	74.2845, 0.2841, 0.4303
Android (android.graphics.Color)	4286380201 (0xFF7CF8A9)
YUV	201.9180, -16.2286, -68.3341
Hunter-Lab	86.1884, -49.2637, 26.4249

Details

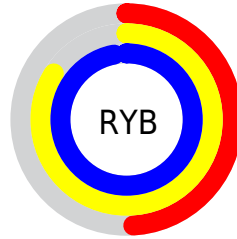
The Hex color **7CF8A9** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F87CCB**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **B7FFE1**, and **3EBF74** is the 20% darker color. If you saturate the color by 10%, you get **63F899**, and if you desaturate by 10%, it is **95F8B9**.

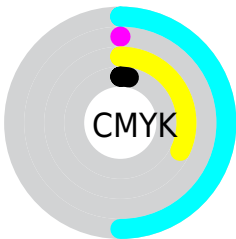
Distribution



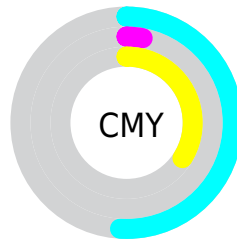
- Red (49%)
- Green (97%)
- Blue (66%)



- Red (49%)
- Yellow (84%)
- Blue (97%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CF8A9 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 7CF8A9 by changing the saturation by 10% instead.

 7CF8A9

 7CF8A9

FFFFFF

 5EDB8E

 B7FFE1

 3EBF74


 D5FFFD

 12A35B

 F3FFFF

 008843

 006E2C

 005415

 003C00

 002500

 000000

 7CF8A9

 7CF8A9

 63F899

 95F8B9

 4AF889

 AEF8C9

 32F87A

 C6F8D8

 19F86A

 DFF8E8

 00F85A

 F8F8F8

 FFF8FF

Harmonies

Analogous

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



C4EE7D



7CF8A9



00FCE2

Triad

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



7CF8A9



87E4FF



FFB8A7

Complementary

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



7CF8A9



F87CCB

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.



FFB1DE



7CF8A9



E9D0FF

Square

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



7CF8A9



00F3FF



FFBBFF



FFCA7D

Rectangle

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



7CF8A9



00FCFF



FFBBFF



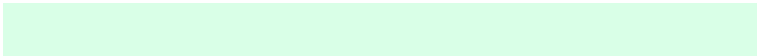
FFB4B9

Sweetspot

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



7CF8A9



D9FFE7



CDF87C



698071



000000



808080

Same Dimension

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



7CF8A9



66FF9E



7CF8E5



707D75



00BD44



003D16

Inverse Universe

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



F87CCB



FF66C7



F87C8F



7D7078



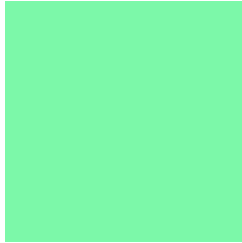
BD0078



3D0027

Previews

White Background



This preview shows how the Hex color 7CF8A9 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 7CF8A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

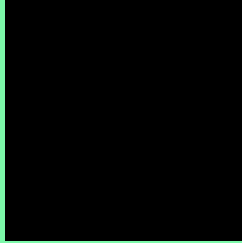
Any Text WCAG AA ✓ Pass

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 7CF8A9 Background



This preview shows how black text looks on a background with the Hex color 7CF8A9.

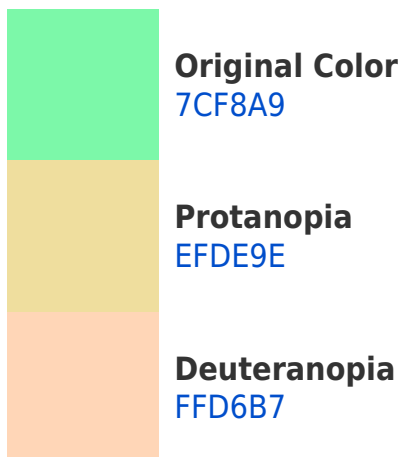


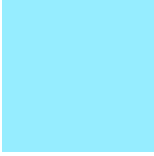
This preview shows how white text looks on a background with the Hex color 7CF8A9.

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](#).

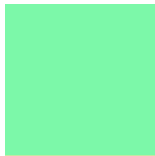
Dichromacy





Tritanopia
96EDFF

Trichromacy



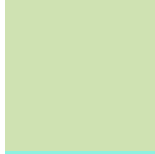
Original Color

7CF8A9



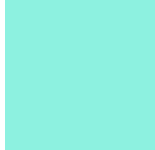
Protanomaly

C5E7A2



Deuteranomaly

CFE2B2



Tritanomaly

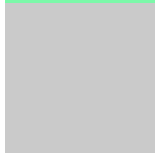
8DF1E0

Monochromacy



Original Color

7CF8A9



Achromatopsia

CACACA



Achromatomaly

AEDBBE

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CF8A9 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 #7CF8A9 looks like.

```
.text, #text, p{  
    color:#7CF8A9  
}
```

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 #7CF8A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CF8A9
}
```

Border

The CSS property to change the border of an element to Hex 7CF8A9 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
#7CF8A9 }
```

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

```
.border{ border-color:#7CF8A9 }
```

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

Here you see how a box with a 4 pixel #7CF8A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CF8A9; -webkit-box-shadow:4px 4px  
4px 4px #7CF8A9; box-shadow:4px 4px 4px  
4px #7CF8A9 }
```

Background

The CSS property to change the background color of an element to Hex 7CF8A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CF8A9 }
```

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

```
.background{ background-color:#7CF8A9 }
```

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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