

Converting Colors

Hex(7CCF9C)

Have a look what the booklet for
Hex(7CCF9C) contains.

Hex(7CCF9C)	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(7CCF9C)

Conversions

Conversions Part 1

Format	Color
Hex	7CCF9C
RGB	124, 207, 156
RGB Percent	49%, 81%, 61%
CMY	0.5137, 0.1882, 0.3882
CMYK	0.40, 0.00, 0.25, 0.19
HSL	143°, 46%, 65%
HSV	143°, 40%, 81%
XYZ	36.6258, 51.3110, 39.4261
YIQ	176.3690, -33.0970, -33.4570

Conversions

Conversions Part 2

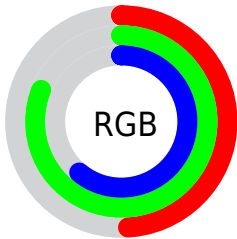
Format	Color
RYB	124, 184, 207
Decimal	8179612
CIELab	76.87, -36.44, 17.56
CIELCh	77, 40.453, 154.267
Yxy	51.3110, 0.2876, 0.4029
Android (android.graphics.Color)	4286369692 (0xFF7CCF9C)
YUV	176.3690, -10.0419, -45.9276
Hunter-Lab	71.6317, -34.0873, 17.5090

Details

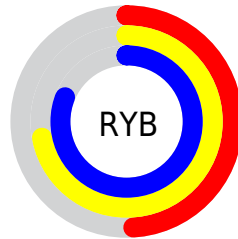
The Hex color **7CCF9C** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF7CAF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B4FFD3**, and **469869** is the 20% darker color. If you saturate the color by 10%, you get **67CF8F**, and if you desaturate by 10%, it is **91CFA9**.

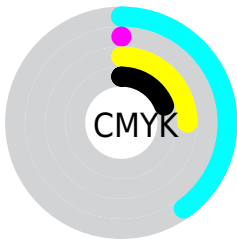
Distribution



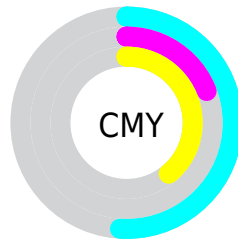
- Red (49%)
- Green (81%)
- Blue (61%)



- Red (49%)
- Yellow (72%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (25%)
- Black (19%)



- Cyan (51%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7CCF9C 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 7CCF9C by changing the saturation by 10% instead.

 7CCF9C

 7CCF9C

FFFFFF

 61B382

 B4FFD3

 469869

 D0FFE5

 297E50

 EDFFFF

 016439

 004C23

 00340E

 002000

 000000

 7CCF9C

 7CCF9C

 67CF8F

 91CFA9

 53CF83

 A5CFB5

 3ECF76

 BACFC2

 29CF69

 CFCFCF

 14CF5C

 E4CFDC

 00CF50

 F8CFE8

 FFCFF5

 FFCFFF

Harmonies

Analogous

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



A9C87F



7CCF9C



49D2C2

Triad

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



7CCF9C



90C0FF



FFA595

Complementary

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



7CCF9C



CF7CAF

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.



FFA1BA



7CCF9C



C9B2FC

Square

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



7CCF9C



4FCAFF



F1A6DF



F1B07B

Rectangle

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



7CCF9C



26D1DB



F1A6DF



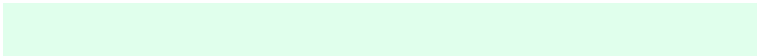
FFA2A1

Sweetspot

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



7CCF9C



E0FFEC



AFCF7C



6E8075



000000



808080

Same Dimension

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



7CCF9C



85FFB4



7CCFC5



5E6962



00A841



002910

Inverse Universe

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



CF7CAF



FF85D0



CF7C86



695E65



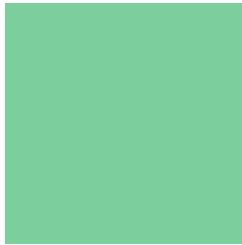
A80067



290019

Previews

White Background



This preview shows how the Hex color 7CCF9C looks on a white background.

Color Contrast Check

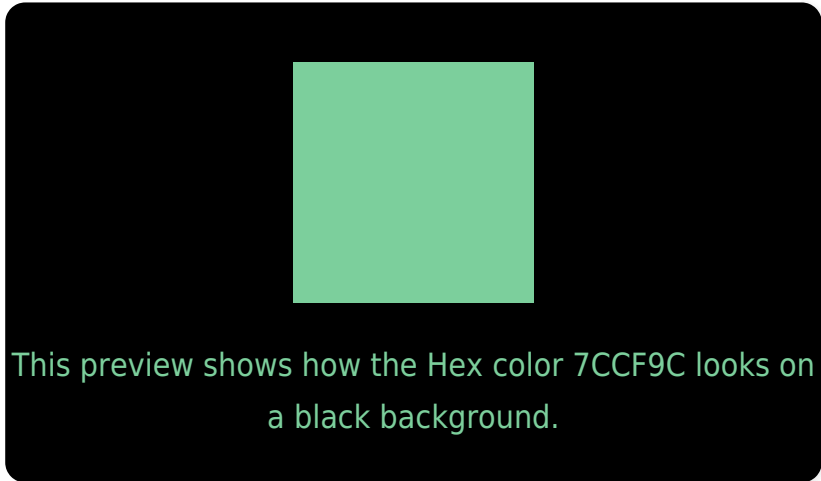
Large Text (above 18pt) WCAG AA × Fail

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

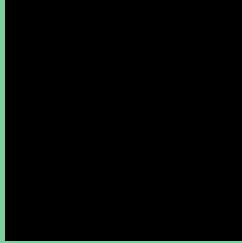
Any Text WCAG AA ✓ Pass

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 7CCF9C Background



This preview shows how black text looks on a background with the Hex color 7CCF9C.

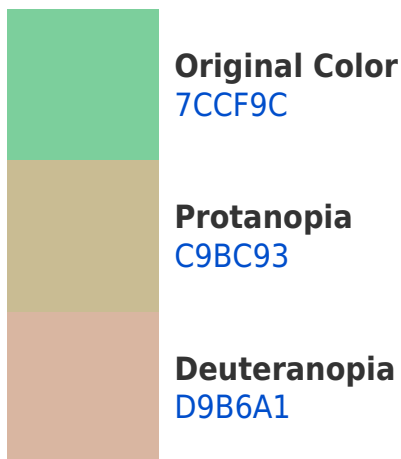


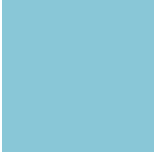
This preview shows how white text looks on a background with the Hex color 7CCF9C.

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
89C7D7

Trichromacy



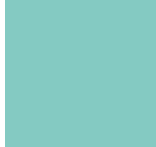
Original Color
7CCF9C



Protanomaly
ADC396



Deuteranomaly
B7BF9F



Tritanomaly
84CAC2

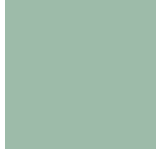
Monochromacy



Original Color
7CCF9C



Achromatopsia
B0B0B0



Achromatomaly
9DBBA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CCF9C 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 #7CCF9C looks like.

```
.text, #text, p{  
    color:#7CCF9C  
}
```

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 #7CCF9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CCF9C
}
```

Border

The CSS property to change the border of an element to Hex 7CCF9C 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
#7CCF9C }
```

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

```
.border{ border-color:#7CCF9C }
```

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

Here you see how a box with a 4 pixel #7CCF9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CCF9C; -webkit-box-shadow:4px 4px  
4px 4px #7CCF9C; box-shadow:4px 4px 4px  
4px #7CCF9C }
```

Background

The CSS property to change the background color of an element to Hex 7CCF9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CCF9C }
```

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

```
.background{ background-color:#7CCF9C }
```

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