

Converting Colors

Hex(87CF7C)

Have a look what the booklet for
Hex(87CF7C) contains.

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Color

Hex(87CF7C)

Conversions

Conversions Part 1

Format	Color
Hex	87CF7C
RGB	135, 207, 124
RGB Percent	53%, 81%, 49%
CMY	0.4706, 0.1882, 0.5137
CMYK	0.35, 0.00, 0.40, 0.19
HSL	112°, 46%, 65%
HSV	112°, 40%, 81%
XYZ	35.9426, 51.2318, 27.0631
YIQ	176.0100, -16.2690, -41.0770

Conversions

Conversions Part 2

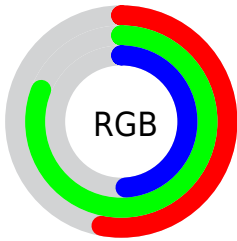
Format	Color
RYB	124, 207, 196
Decimal	8900476
CIELab	76.82, -38.51, 34.28
CIELCh	77, 51.561, 138.323
Yxy	51.2318, 0.3146, 0.4485
Android (android.graphics.Color)	4287090556 (0xFF87CF7C)
YUV	176.0100, -25.6409, -35.9658
Hunter-Lab	71.5764, -35.6236, 27.6858

Details

The Hex color **87CF7C** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C47CCF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BFFFB1**, and **51984A** is the 20% darker color. If you saturate the color by 10%, you get **75CF67**, and if you desaturate by 10%, it is **99CF91**.

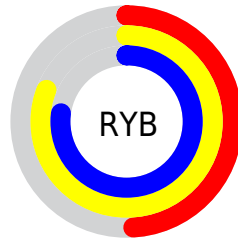
Distribution



Red (53%)

Green (81%)

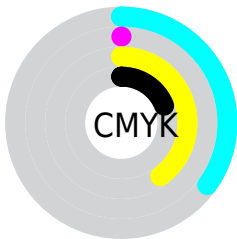
Blue (49%)



Red (49%)

Yellow (81%)

Blue (77%)

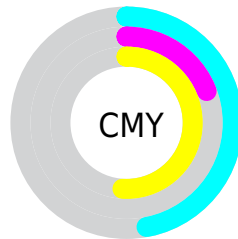


Cyan (35%)

Magenta (0%)

Yellow (40%)

Black (19%)



Cyan (47%)

Magenta (19%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87CF7C 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 87CF7C by changing the saturation by 10% instead.



87CF7C



87CF7C

FFFFFF



6CB362



BFFFB1



51984A



DBFFCD



367E31



F9FFEA



186419



004C00



003400



002000



000000



87CF7C



87CF7C

 75CF67

 99CF91

 63CF53

 ABCFA5

 51CF3E

 BDCFBA

 3FCF29

 CFCFCF

 2DCF14

 E1CFE4

 1BCF00

 F3CFF8

 FFCFFF

Harmonies

Analogous

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



BEC460



87CF7C



37D5A9

Triad

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



87CF7C



36C8FF



FF97A2

Complementary

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



87CF7C



C47CCF

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.



FF98D2



87CF7C



A4B8FF

Square

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



87CF7C



00D2FF



E6A6FE



FFA378

Rectangle

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



87CF7C



00D6CA



E6A6FE



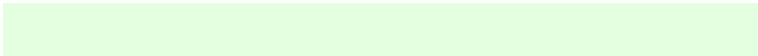
FF96B2

Sweetspot

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



87CF7C



E4FFE0



CFC47C



70806E



000000



808080

Same Dimension

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



87CF7C



95FF85



7CCF9A



5F695E



16A800



052900

Inverse Universe

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



C47CCF



EF85FF



CF7CB1



675E69



9200A8



230029

Previews

White Background



This preview shows how the Hex color 87CF7C looks on a white background.

Color Contrast Check

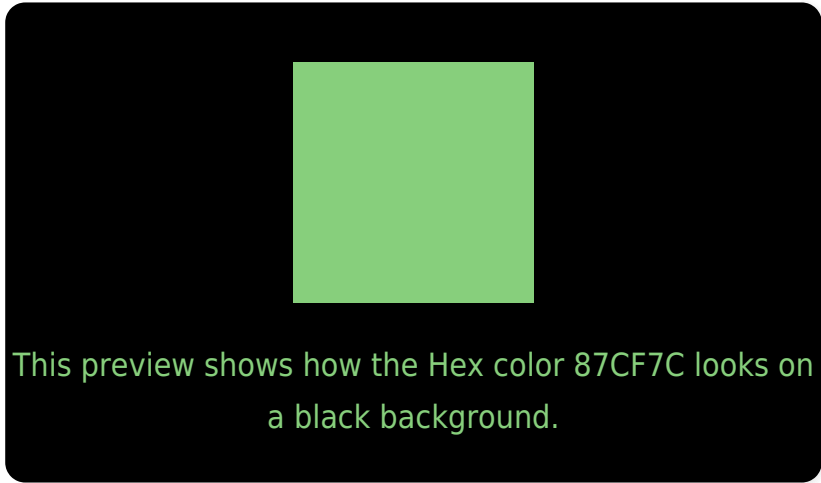
Large Text (above 18pt) WCAG AA × Fail

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

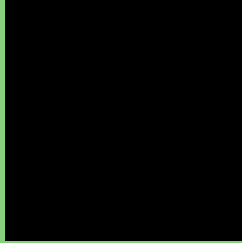
Any Text WCAG AA ✓ Pass

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 87CF7C Background



This preview shows how black text looks on a background with the Hex color 87CF7C.

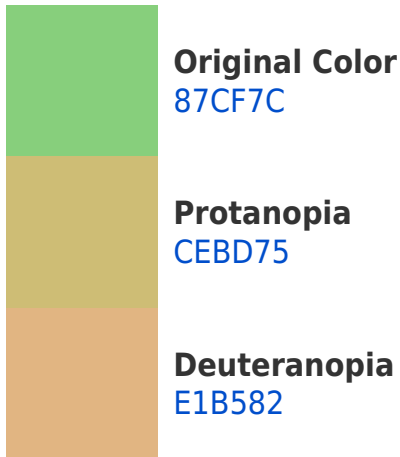


This preview shows how white text looks on a background with the Hex color 87CF7C.

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
97C5D4

Trichromacy



Original Color
87CF7C



Protanomaly
B4C478



Deuteranomaly
C0BE80



Tritanomaly
91C9B4

Monochromacy



Original Color
87CF7C



Achromatopsia
B0B0B0



Achromatomaly
A1BB9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 87CF7C 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 #87CF7C looks like.

```
.text, #text, p{  
    color:#87CF7C  
}
```

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 #87CF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CF7C
}
```

Border

The CSS property to change the border of an element to Hex 87CF7C 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
#87CF7C }
```

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

```
.border{ border-color:#87CF7C }
```

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

Here you see how a box with a 4 pixel #87CF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CF7C; -webkit-box-shadow:4px 4px  
4px 4px #87CF7C; box-shadow:4px 4px 4px  
4px #87CF7C }
```

Background

The CSS property to change the background color of an element to Hex 87CF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CF7C }
```

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

```
.background{ background-color:#87CF7C }
```

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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