

Converting Colors

Hex(87CACF)

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

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Color

Hex(87CACF)

Conversions

Conversions Part 1

Format	Color
Hex	87CACF
RGB	135, 202, 207
RGB Percent	53%, 79%, 81%
CMY	0.4706, 0.2078, 0.1882
CMYK	0.35, 0.02, 0.00, 0.19
HSL	184°, 43%, 67%
HSV	184°, 35%, 81%
XYZ	42.3747, 51.8970, 66.8152
YIQ	182.5370, -41.5370, -12.6490

Conversions

Conversions Part 2

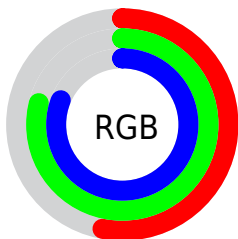
Format	Color
RYB	135, 170, 207
Decimal	8899279
CIELab	77.22, -19.84, -9.23
CIELCh	77, 21.883, 204.956
Yxy	51.8970, 0.2631, 0.3222
Android (android.graphics.Color)	4287089359 (0xFF87CACF)
YUV	182.5370, 12.0603, -41.6899
Hunter-Lab	72.0395, -21.0729, -4.5626

Details

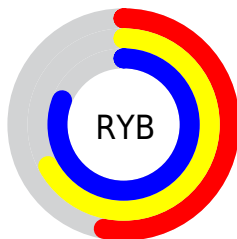
The Hex color **87CACF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF8C87**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFFFFF**, and **519499** is the 20% darker color. If you saturate the color by 10%, you get **72C9CF**, and if you desaturate by 10%, it is **9CCBCF**.

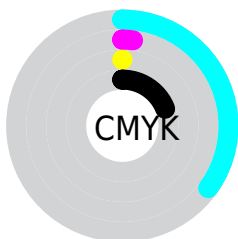
Distribution



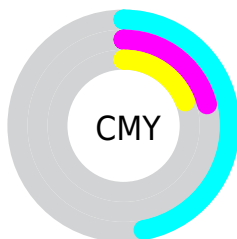
- Red (53%)
- Green (79%)
- Blue (81%)



- Red (53%)
- Yellow (67%)
- Blue (81%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (47%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 87CACF

 87CACF

FFFFFF

 6CAFB3

 BFFFFFF

 519499

 DBFFFF

 367A7F

 F9FFFF

 176166

 00494E

 003237

 001E22

 00000B

 000000

 87CACF

 87CACF

 72C9CF

 9CCBCF

 5EC7CF

 B0CDCF

 49C6CF

 C5CECF

 34C4CF

 DAD0CF

 20C3CF

 EFD1CF

 0BC1CF

 FFD3CF

 00C1CF

 FFD4CF

 FFD6CF

 FFD7CF

Harmonies

Analogous

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



91CABA



87CACF



8EC7DF

Triad

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



87CACF



D6B4D6



D2BC97

Complementary

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



87CACF



CF8C87

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.



E2B69E



87CACF



E5B1C3

Square

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



87CACF



BEBBE3



E9B1AF



BCC39A

Rectangle

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



87CACF



9BC4E5



E9B1AF



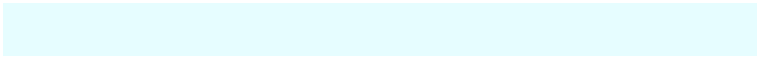
D8BA98

Sweetspot

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



87CACF



E6DFFF



87CF8C



707E80



000000



808080

Same Dimension

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



87CACF



94F8FF



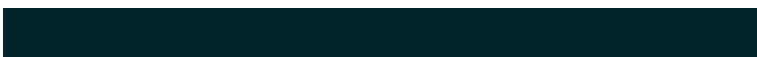
87A6CF



5E6869



009DA8



002629

Inverse Universe

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



CF87CA



FF94F8



CFB087



695E68



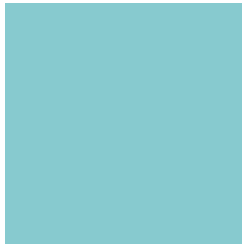
A8009D



290026

Previews

White Background



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

Color Contrast Check

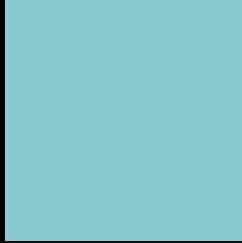
Large Text (above 18pt) WCAG AA × Fail

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 87CACF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

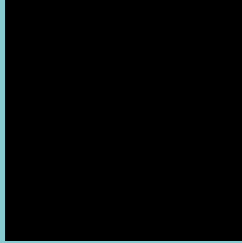
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

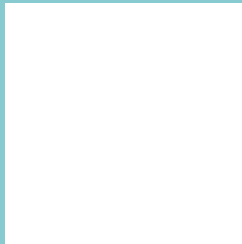
Any Text WCAG AAA ✓ Pass

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

Hex 87CACF Background



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

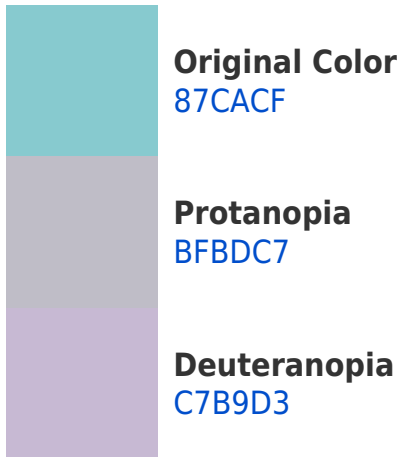


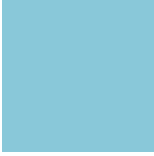
This preview shows how white text looks on a background with the Hex color 87CACF.

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](#).

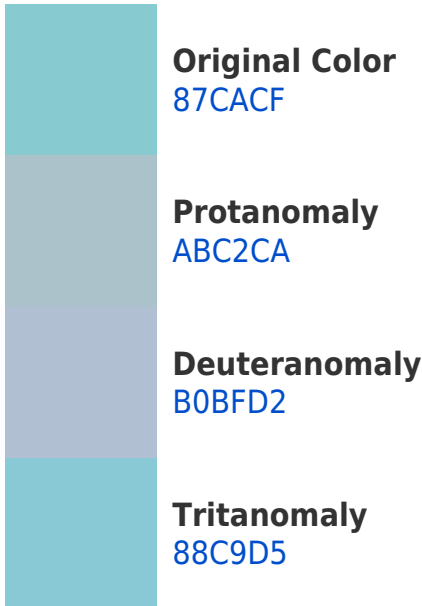
Dichromacy



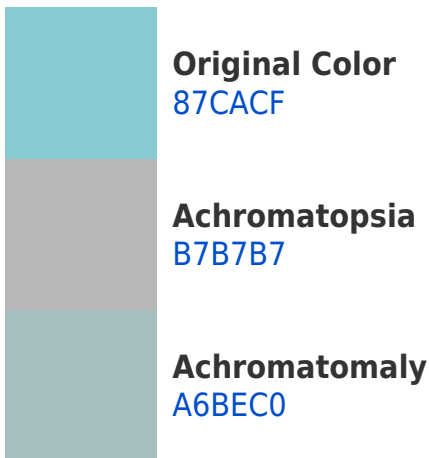


Tritanopia
89C8D9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #87CACF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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