

Converting Colors

Hex(87CAA9)

Have a look what the booklet for
Hex(87CAA9) contains.

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Color

Hex(87CAA9)

Conversions

Conversions Part 1

Format	Color
Hex	87CAA9
RGB	135, 202, 169
RGB Percent	53%, 79%, 66%
CMY	0.4706, 0.2078, 0.3373
CMYK	0.33, 0.00, 0.16, 0.21
HSL	150°, 39%, 66%
HSV	150°, 33%, 79%
XYZ	38.2736, 50.2565, 45.2194
YIQ	178.2050, -29.3390, -24.4670

Conversions

Conversions Part 2

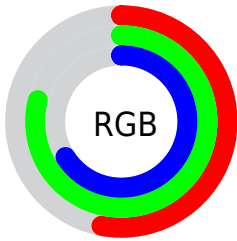
Format	Color
RYB	135, 179, 202
Decimal	8899241
CIELab	76.23, -28.30, 9.79
CIELCh	76, 29.950, 160.912
Yxy	50.2565, 0.2862, 0.3758
Android (android.graphics.Color)	4287089321 (0xFF87CAA9)
YUV	178.2050, -4.5381, -37.8908
Hunter-Lab	70.8918, -27.6908, 11.8053

Details

The Hex color **87CAA9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA87A8**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BEFFE0**, and **529475** is the 20% darker color. If you saturate the color by 10%, you get **73CA9F**, and if you desaturate by 10%, it is **9BCAB3**.

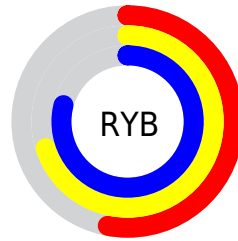
Distribution



Red (53%)

Green (79%)

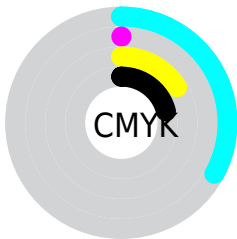
Blue (66%)



Red (53%)

Yellow (70%)

Blue (79%)

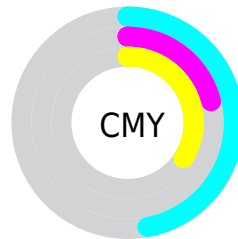


Cyan (33%)

Magenta (0%)

Yellow (16%)

Black (21%)



Cyan (47%)

Magenta (21%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87CAA9 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 87CAA9 by changing the saturation by 10% instead.

 87CAA9

 87CAA9

FFFFFF

 6CAE8F

 BEFFE0

 529475

 DAFFFD

 387A5C

 F7FFFF

 1D6045

 00482E

 003119

 001E00

 000000

 87CAA9

 87CAA9

 73CA9F

 9BCAB3

 5FCA95

 AFCABD

 4ACA8B

 C4CAC7

 36CA81

 D8CAD1

 22CA77

 ECCADB

 0ECA6D

 FFCAE5

 00CA67

 FFCAEF

 FFCAF9

 FFCAFF

Harmonies

Analogous

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



A7C591



87CAA9



6DCBC5

Triad

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



87CAA9



A7BBF2



F0AC99

Complementary

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



87CAA9



CA87A8

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.



F3A8B3



87CAA9



CDB1E6

Square

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



87CAA9



81C4F0



E8AACF



DFB488

Rectangle

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



87CAA9



67CBD7



E8AACF



F3AAA1

Sweetspot

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



87CAA9



E6FFF2



A9CA87



708078



000000



808080

Same Dimension

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



87CAA9



99FFCD



87CACA



5C6661



00A654



002613

Inverse Universe

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



CA87A8



FF99CB



CA8787



665C61



A60052



260013

Previews

White Background



This preview shows how the Hex color 87CAA9 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 87CAA9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

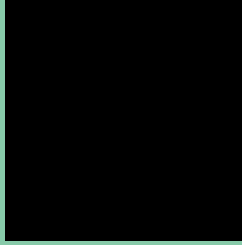
Any Text WCAG AA ✓ Pass

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 87CAA9 Background



This preview shows how black text looks on a background with the Hex color 87CAA9.

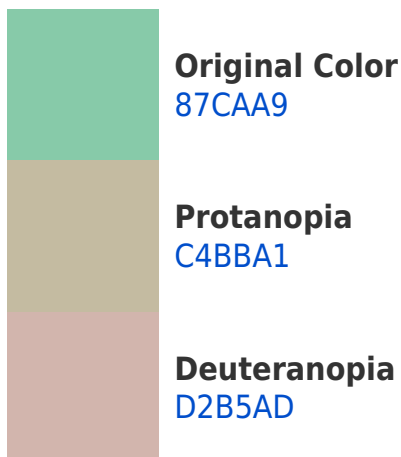


This preview shows how white text looks on a background with the Hex color 87CAA9.

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](#).

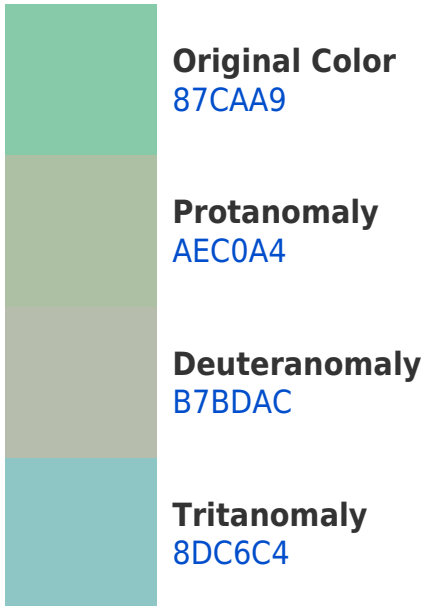
Dichromacy



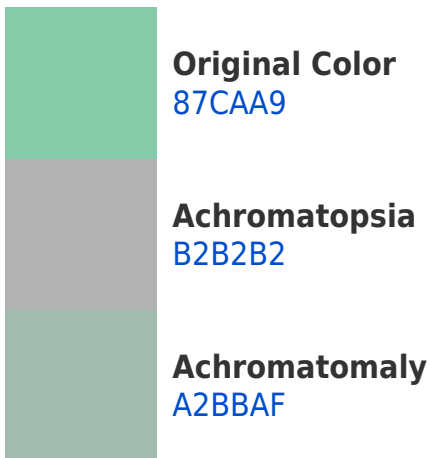


Tritanopia
90C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87CAA9 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 #87CAA9 looks like.

```
.text, #text, p{  
    color:#87CAA9  
}
```

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 #87CAA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CAA9
}
```

Border

The CSS property to change the border of an element to Hex 87CAA9 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
#87CAA9 }
```

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

```
.border{ border-color:#87CAA9 }
```

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

Here you see how a box with a 4 pixel #87CAA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CAA9; -webkit-box-shadow:4px 4px  
4px 4px #87CAA9; box-shadow:4px 4px 4px  
4px #87CAA9 }
```

Background

The CSS property to change the background color of an element to Hex 87CAA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CAA9 }
```

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

```
.background{ background-color:#87CAA9 }
```

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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