

Converting Colors

Hex(87C0A3)

Have a look what the booklet for
Hex(87C0A3) contains.

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Color

Hex(87C0A3)

Conversions

Conversions Part 1

Format	Color
Hex	87C0A3
RGB	135, 192, 163
RGB Percent	53%, 75%, 64%
CMY	0.4706, 0.2471, 0.3608
CMYK	0.30, 0.00, 0.15, 0.25
HSL	149°, 31%, 64%
HSV	149°, 30%, 75%
XYZ	35.4522, 45.4945, 41.5631
YIQ	171.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

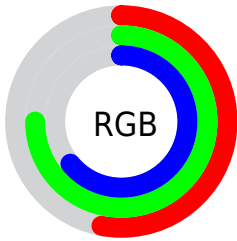
Format	Color
RYB	135, 173, 192
Decimal	8896675
CIELab	73.22, -24.63, 8.74
CIELCh	73, 26.138, 160.467
Yxy	45.4945, 0.2894, 0.3714
Android (android.graphics.Color)	4287086755 (0xFF87C0A3)
YUV	171.6510, -4.2649, -32.1429
Hunter-Lab	67.4496, -24.2155, 10.6797

Details

The Hex color **87C0A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C087A4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEF9DA**, and **538A6F** is the 20% darker color. If you saturate the color by 10%, you get **74C099**, and if you desaturate by 10%, it is **9AC0AD**.

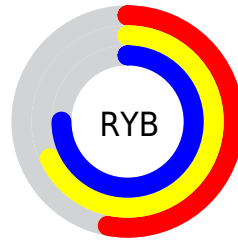
Distribution



Red (53%)

Green (75%)

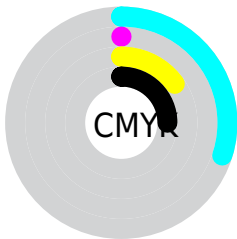
Blue (64%)



Red (53%)

Yellow (68%)

Blue (75%)

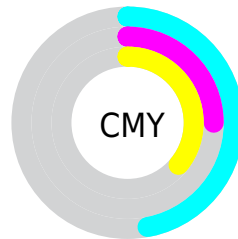


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C0A3 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 87C0A3 by changing the saturation by 10% instead.



87C0A3



87C0A3

FFFFFF



6DA589



BEF9DA



538A6F



DAFFF6



3A7157



F7FFFF



215840



03402A



002A15



001300



000000



87C0A3



87C0A3

 74C099

 9AC0AD

 61C08F

 ADC0B7

 4DC086

 C1C0C0

 3AC07C

 D4C0CA

 27C072

 E7C0D4

 14C068

 FAC0DE

 01C05F

 FFC0E7

 00C05E

 FFC0F1

 FFC0FB

Harmonies

Analogous

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



A2BC8F



87C0A3



72C1BC

Triad

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



87C0A3



A2B3E3



E2A696

Complementary

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



87C0A3



C087A4

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.



E4A2AC



87C0A3



C2ABD8

Square

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



87C0A3



82BBE0



D9A4C4



D3AD87

Rectangle

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



87C0A3



6DC0CB



D9A4C4



E4A49D

Sweetspot

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



87C0A3



E3FAEE



A4C087



6F7D76



FCFCFC



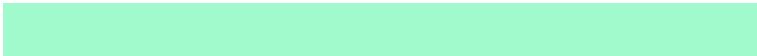
7D7D7D

Same Dimension

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



87C0A3



A0FACC



87C0BF



57615C



00A14F



002110

Inverse Universe

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



C087A4



FAA0CE



C08788



61575C



A10052



210011

Previews

White Background



This preview shows how the Hex color 87C0A3 looks on a white background.

Color Contrast Check

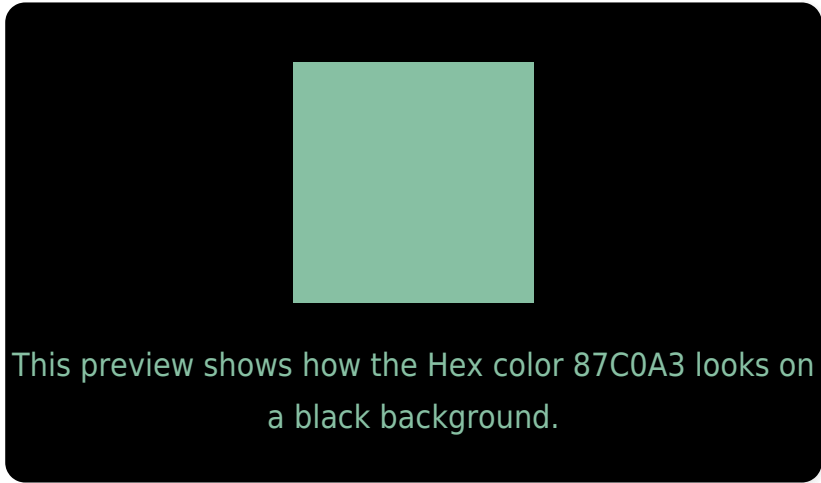
Large Text (above 18pt) WCAG AA × Fail

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 87C0A3 Background



This preview shows how black text looks on a background with the Hex color 87C0A3.

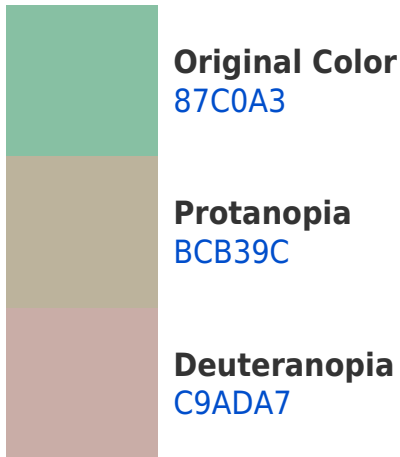


This preview shows how white text looks on a background with the Hex color 87C0A3.

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
8FBBCA

Trichromacy



Original Color
87C0A3

Protanomaly
A9B89F

Deuteranomaly
B1B4A6

Tritanomaly
8CBDBC

Monochromacy



Original Color
87C0A3

Achromatopsia
ACACAC

Achromatomaly
9FB3A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 87C0A3 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 #87C0A3 looks like.

```
.text, #text, p{  
    color:#87C0A3  
}
```

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 #87C0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C0A3  
}
```

Border

The CSS property to change the border of an element to Hex 87C0A3 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  
#87C0A3 }
```

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

```
.border{ border-color:#87C0A3 }
```

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

Here you see how a box with a 4 pixel #87C0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C0A3; -webkit-box-shadow:4px 4px  
4px 4px #87C0A3; box-shadow:4px 4px 4px  
4px #87C0A3 }
```

Background

The CSS property to change the background color of an element to Hex 87C0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C0A3 }
```

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

```
.background{ background-color:#87C0A3 }
```

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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