

Converting Colors

Hex(87C0A4)

Have a look what the booklet for
Hex(87C0A4) contains.

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Color

Hex(87C0A4)

Conversions

Conversions Part 1

Format	Color
Hex	87C0A4
RGB	135, 192, 164
RGB Percent	53%, 75%, 64%
CMY	0.4706, 0.2471, 0.3569
CMYK	0.30, 0.00, 0.15, 0.25
HSL	151°, 31%, 64%
HSV	151°, 30%, 75%
XYZ	35.5422, 45.5305, 42.0370
YIQ	171.7650, -24.9840, -20.7920

Conversions

Conversions Part 2

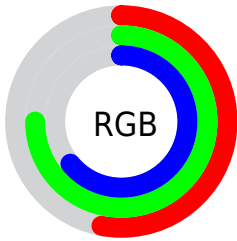
Format	Color
RYB	135, 173, 192
Decimal	8896676
CIELab	73.24, -24.43, 8.23
CIELCh	73, 25.780, 161.381
Yxy	45.5305, 0.2887, 0.3698
Android (android.graphics.Color)	4287086756 (0xFF87C0A4)
YUV	171.7650, -3.8281, -32.2429
Hunter-Lab	67.4763, -24.0613, 10.2964

Details

The Hex color **87C0A4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C087A3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BEF9DB**, and **538A70** is the 20% darker color. If you saturate the color by 10%, you get **74C09B**, and if you desaturate by 10%, it is **9AC0AD**.

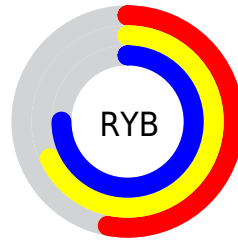
Distribution



Red (53%)

Green (75%)

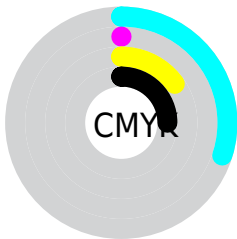
Blue (64%)



Red (53%)

Yellow (68%)

Blue (75%)

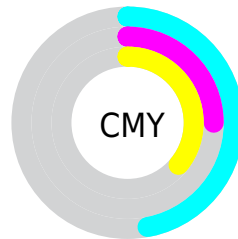


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (47%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C0A4 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 87C0A4 by changing the saturation by 10% instead.

 87C0A4

 87C0A4

FFFFFF

 6DA58A


 BEF9DB

 538A70

 DAFFF7

 3A7158

 F7FFFF

 215840

 03402A

 002A16

 001300

 000000

 87C0A4

 87C0A4

 74C09B

 9AC0AD

 61C091

 ADC0B7

 4DC088

 C1C0C0

 3AC07E

 D4C0CA

 27C075

 E7C0D3

 14C06B

 FAC0DD

 01C062

 FFC0E6

 00C062

 FFC0EF

 FFC0F9

Harmonies

Analogous

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



A2BC90



87C0A4



73C1BC

Triad

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



87C0A4



A4B3E2



E1A696

Complementary

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



87C0A4



C087A3

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.



E4A3AC



87C0A4



C3ABD7

Square

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



87C0A4



84BAE0



DAA5C3



D2AD88

Rectangle

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



87C0A4



6FC0CC



DAA5C3



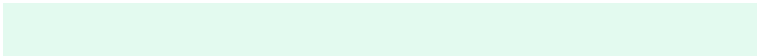
E3A59C

Sweetspot

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



87C0A4



E3FAEF



A3C087



6F7D76



FCFCFC



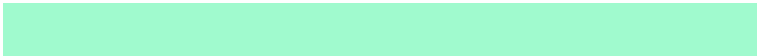
7D7D7D

Same Dimension

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



87C0A4



A0FACE



87C0C0



57615C



00A152



002111

Inverse Universe

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



C087A3



FAA0CC



C08787



61575C



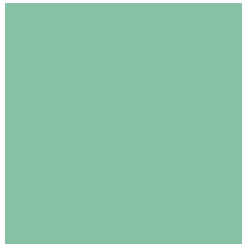
A1004F



210010

Previews

White Background



This preview shows how the Hex color 87C0A4 looks on a white background.

Color Contrast Check

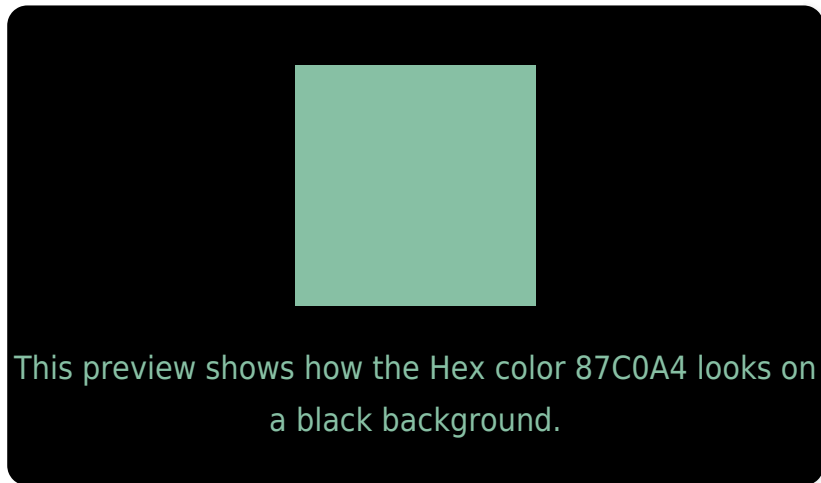
Large Text (above 18pt) WCAG AA × Fail

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

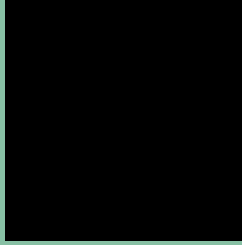
Any Text WCAG AA ✓ Pass

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 87C0A4 Background



This preview shows how black text looks on a background with the Hex color 87C0A4.

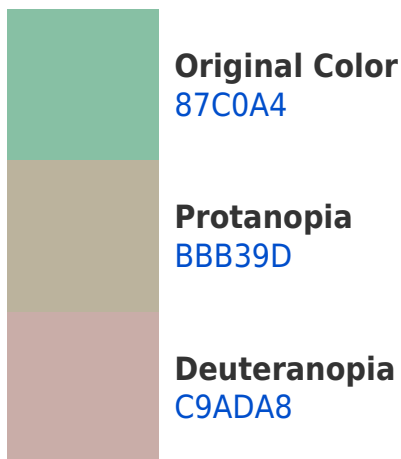


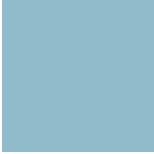
This preview shows how white text looks on a background with the Hex color 87C0A4.

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](#).

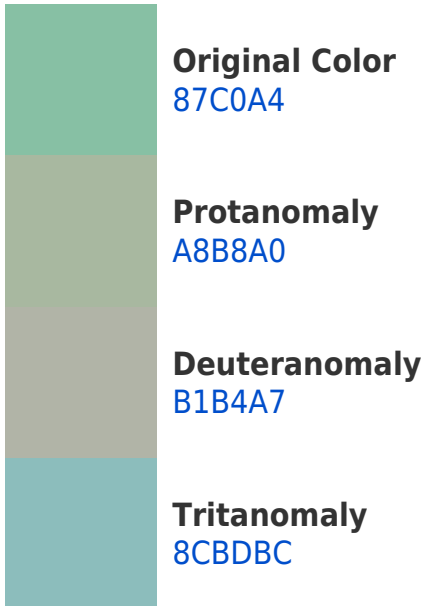
Dichromacy



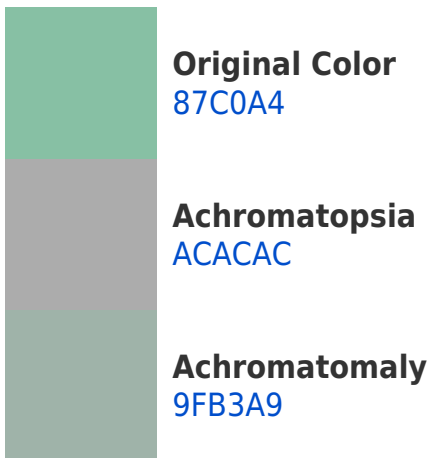


Tritanopia
8FBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C0A4 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 #87C0A4 looks like.

```
.text, #text, p{  
    color:#87C0A4  
}
```

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 #87C0A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C0A4
}
```

Border

The CSS property to change the border of an element to Hex 87C0A4 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
#87C0A4 }
```

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

```
.border{ border-color:#87C0A4 }
```

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

Here you see how a box with a 4 pixel #87C0A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C0A4; -webkit-box-shadow:4px 4px  
4px 4px #87C0A4; box-shadow:4px 4px 4px  
4px #87C0A4 }
```

Background

The CSS property to change the background color of an element to Hex 87C0A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C0A4 }
```

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

```
.background{ background-color:#87C0A4 }
```

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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