

Converting Colors

Hex(86A47C)

Have a look what the booklet for
Hex(86A47C) contains.

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Color

Hex(86A47C)

Conversions

Conversions Part 1

Format	Color
Hex	86A47C
RGB	134, 164, 124
RGB Percent	53%, 64%, 49%
CMY	0.4745, 0.3569, 0.5137
CMYK	0.18, 0.00, 0.24, 0.36
HSL	105°, 18%, 56%
HSV	105°, 24%, 64%
XYZ	26.7451, 33.0745, 24.0432
YIQ	150.4700, -5.0400, -18.8000

Conversions

Conversions Part 2

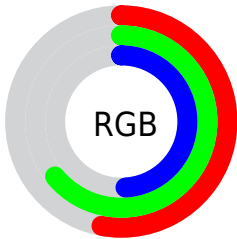
Format	Color
RYB	124, 164, 154
Decimal	8823932
CIELab	64.22, -18.13, 17.43
CIELCh	64, 25.151, 136.140
Yxy	33.0745, 0.3189, 0.3944
Android (android.graphics.Color)	4287014012 (0xFF86A47C)
YUV	150.4700, -13.0497, -14.4442
Hunter-Lab	57.5104, -17.6323, 15.4701

Details

The Hex color **86A47C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A7CA4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **BCDDB1**, and **54704B** is the 20% darker color. If you saturate the color by 10%, you get **7AA46C**, and if you desaturate by 10%, it is **92A48C**.

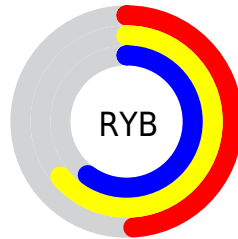
Distribution



Red (53%)

Green (64%)

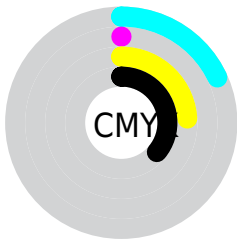
Blue (49%)



Red (49%)

Yellow (64%)

Blue (60%)

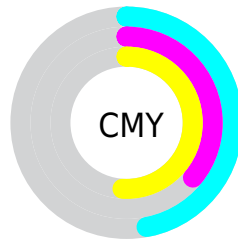


Cyan (18%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (47%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86A47C 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 86A47C by changing the saturation by 10% instead.



86A47C



86A47C

FFFFFF



6C8A63



BCDDB1



54704B



D8F8CC



3C5834



F4FFE8



25401E



102A07



001700



000000



86A47C



86A47C



7AA46C



92A48C

 6DA45B

 9FA49D

 61A44B

 ABA4AD

 55A43A

 B7A4BE

 48A42A

 C3A4CE

 3CA41A

 D0A4DE

 30A409

 DCA4EF

 29A400

 E8A4FF

 F5A4FF

Harmonies

Analogous

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



9F9E70



86A47C



6DA790

Triad

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



86A47C



71A1C7



C98B90

Complementary

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



86A47C



9A7CA4

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.



C28CA7



86A47C



919AC7

Square

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



86A47C



5BA6BB



AE92BB



C4907C

Rectangle

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



86A47C



5FA8A0



AE92BB



C88B98

Sweetspot

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



86A47C



CBD6C7



A49A7C



656B63



EBEBEB



6B6B6B

Same Dimension

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



86A47C



A8D698



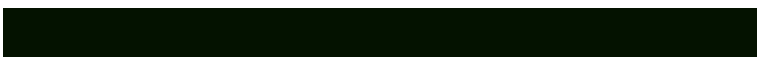
7CA486



4B5249



249100



041200

Inverse Universe

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



9A7CA4



C798D6



A47C9A



504952



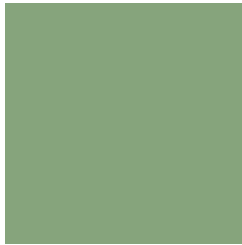
6D0091



0D0012

Previews

White Background



This preview shows how the Hex color 86A47C looks on a white background.

Color Contrast Check

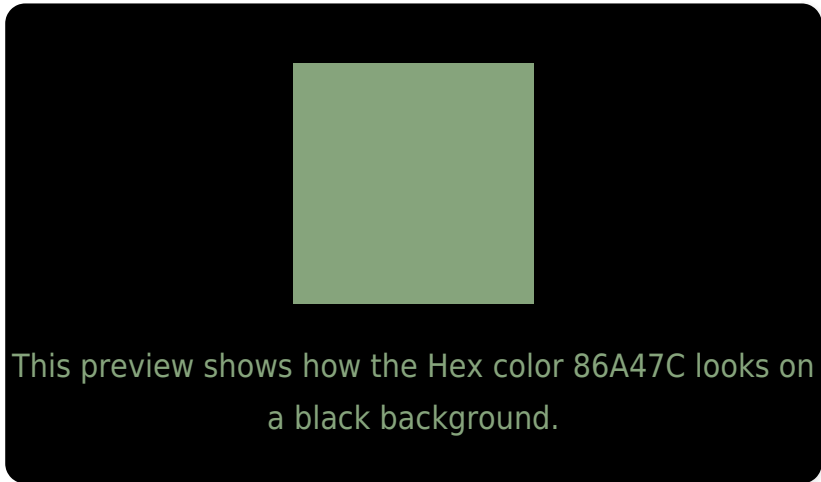
Large Text (above 18pt) WCAG AA × Fail

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

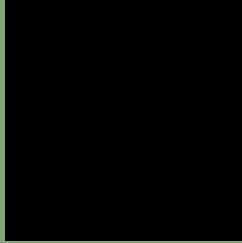
Any Text WCAG AA ✓ Pass

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 86A47C Background



This preview shows how black text looks on a background with the Hex color 86A47C.

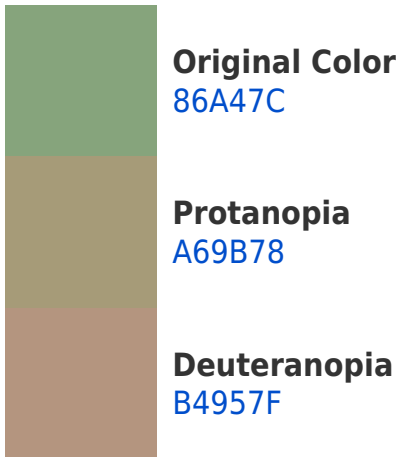


This preview shows how white text looks on a background with the Hex color 86A47C.

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](#).

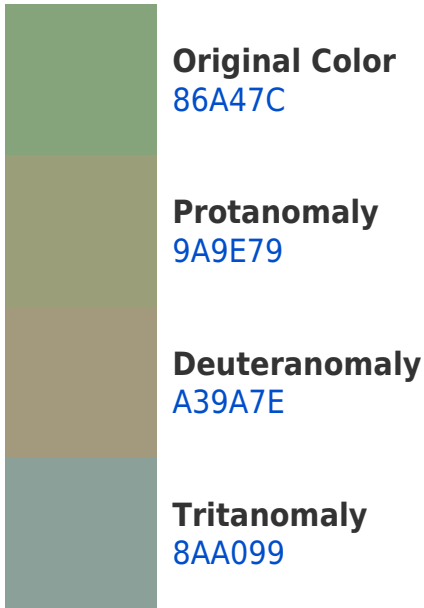
Dichromacy



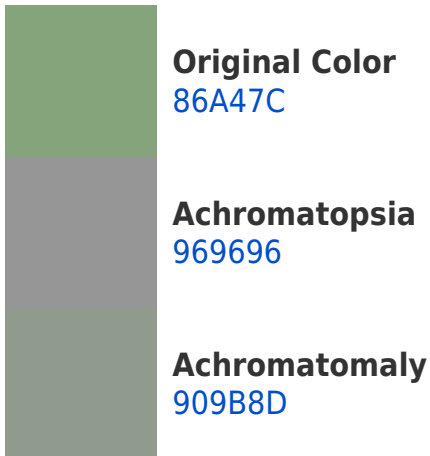


Tritanopia
8D9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86A47C 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 #86A47C looks like.

```
.text, #text, p{  
    color:#86A47C  
}
```

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 #86A47C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A47C
}
```

Border

The CSS property to change the border of an element to Hex 86A47C 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
#86A47C }
```

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

```
.border{ border-color:#86A47C }
```

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

Here you see how a box with a 4 pixel #86A47C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A47C; -webkit-box-shadow:4px 4px  
4px 4px #86A47C; box-shadow:4px 4px 4px  
4px #86A47C }
```

Background

The CSS property to change the background color of an element to Hex 86A47C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A47C }
```

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

```
.background{ background-color:#86A47C }
```

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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