

Converting Colors

Hex(87AF7C)

Have a look what the booklet for
Hex(87AF7C) contains.

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Color

Hex(87AF7C)

Conversions

Conversions Part 1

Format	Color
Hex	87AF7C
RGB	135, 175, 124
RGB Percent	53%, 69%, 49%
CMY	0.4706, 0.3137, 0.5137
CMYK	0.23, 0.00, 0.29, 0.31
HSL	107°, 24%, 59%
HSV	107°, 29%, 69%
XYZ	28.9597, 37.2661, 24.7355
YIQ	157.2260, -7.4690, -24.3410

Conversions

Conversions Part 2

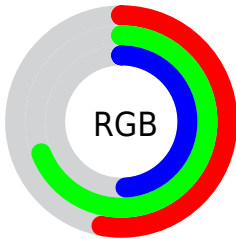
Format	Color
RYB	124, 175, 164
Decimal	8892284
CIELab	67.48, -23.36, 21.89
CIELCh	67, 32.013, 136.861
Yxy	37.2661, 0.3184, 0.4097
Android (android.graphics.Color)	4287082364 (0xFF87AF7C)
YUV	157.2260, -16.3804, -19.4922
Hunter-Lab	61.0459, -22.1514, 18.7081

Details

The Hex color **87AF7C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A47CAF**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BDE7B1**, and **547A4B** is the 20% darker color. If you saturate the color by 10%, you get **79AF6A**, and if you desaturate by 10%, it is **95AF8E**.

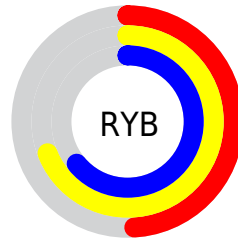
Distribution



Red (53%)

Green (69%)

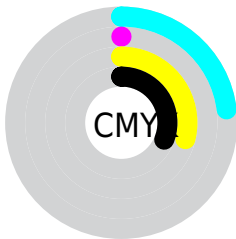
Blue (49%)



Red (49%)

Yellow (69%)

Blue (64%)

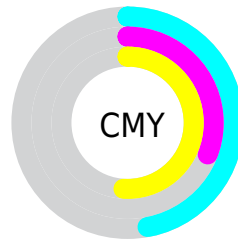


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AF7C 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 87AF7C by changing the saturation by 10% instead.



87AF7C



87AF7C

FFFFFF



6D9463



BDE7B1



547A4B



D9FFCC



3C6134



F6FFE9



24491D



0C3206



001F00



000000



87AF7C



87AF7C



79AF6A



95AF8E

 6CAF59

 A2AF9F

 5EAF48

 B0AFB1

 50AF36

 BEAFC2

 42AF25

 CCAFD4

 35AF13

 D9AFE5

 27AF01

 E7AFF7

 26AF00

 F5AFFF

 FFAFFF

Harmonies

Analogous

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



A8A86C



87AF7C



64B396

Triad

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



87AF7C



69ABDC



DE8F95

Complementary

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



87AF7C



A47CAF

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.



D590B2



87AF7C



96A1DB

Square

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



87AF7C



45B1CD



BC97CC



D7957B

Rectangle

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



87AF7C



4FB4AA



BC97CC



DD8E9F

Sweetspot

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



87AF7C



D3E3CF



AFA47C



697366



F2F2F2



737373

Same Dimension

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



87AF7C



A5E394



7CAF8A



50574E



209600



051700

Inverse Universe

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



A47CAF



D294E3



AF7CA1



554E57



760096



120017

Previews

White Background



This preview shows how the Hex color 87AF7C looks on a white background.

Color Contrast Check

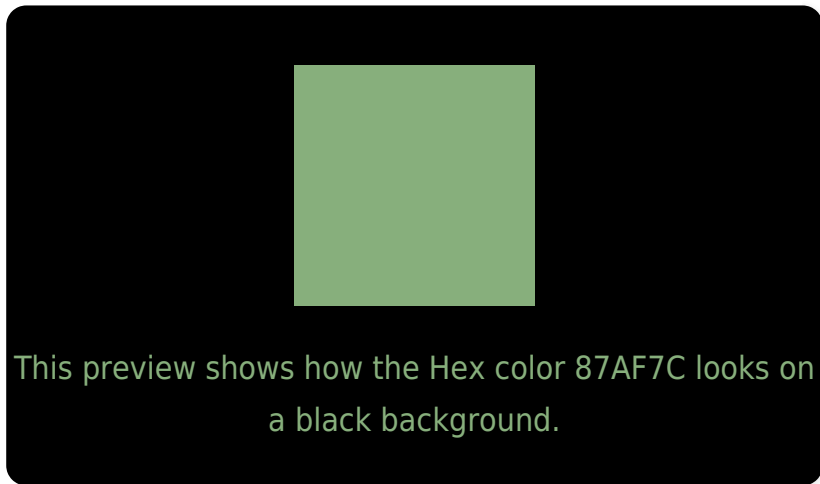
Large Text (above 18pt) WCAG AA × Fail

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

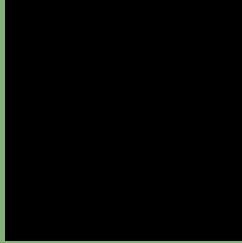
Any Text WCAG AA ✓ Pass

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 87AF7C Background



This preview shows how black text looks on a background with the Hex color 87AF7C.

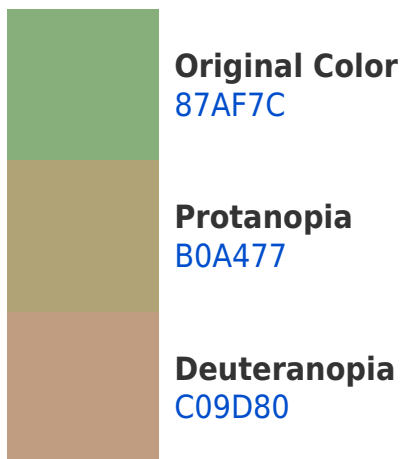


This preview shows how white text looks on a background with the Hex color 87AF7C.

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](#).

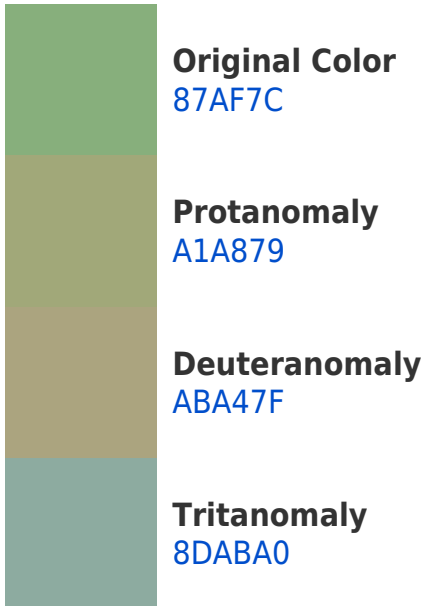
Dichromacy



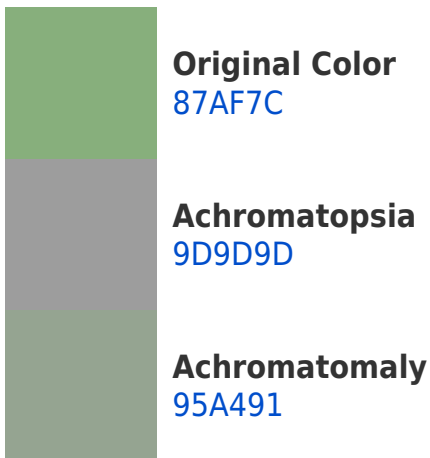


Tritanopia
90A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AF7C 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 #87AF7C looks like.

```
.text, #text, p{  
    color:#87AF7C  
}
```

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 #87AF7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AF7C
}
```

Border

The CSS property to change the border of an element to Hex 87AF7C 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
#87AF7C }
```

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

```
.border{ border-color:#87AF7C }
```

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

Here you see how a box with a 4 pixel #87AF7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AF7C; -webkit-box-shadow:4px 4px  
4px 4px #87AF7C; box-shadow:4px 4px 4px  
4px #87AF7C }
```

Background

The CSS property to change the background color of an element to Hex 87AF7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AF7C }
```

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

```
.background{ background-color:#87AF7C }
```

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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