

Converting Colors

Hex(87AF7D)

Have a look what the booklet for
Hex(87AF7D) contains.

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Color

Hex(87AF7D)

Conversions

Conversions Part 1

Format	Color
Hex	87AF7D
RGB	135, 175, 125
RGB Percent	53%, 69%, 49%
CMY	0.4706, 0.3137, 0.5098
CMYK	0.23, 0.00, 0.29, 0.31
HSL	108°, 24%, 59%
HSV	108°, 29%, 69%
XYZ	29.0233, 37.2915, 25.0703
YIQ	157.3400, -7.7900, -24.0300

Conversions

Conversions Part 2

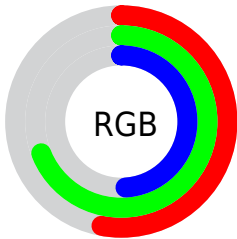
Format	Color
RYB	125, 175, 165
Decimal	8892285
CIELab	67.50, -23.20, 21.37
CIElCh	67, 31.542, 137.340
Yxy	37.2915, 0.3176, 0.4081
Android (android.graphics.Color)	4287082365 (0xFF87AF7D)
YUV	157.3400, -15.9436, -19.5922
Hunter-Lab	61.0668, -22.0308, 18.4059

Details

The Hex color **87AF7D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A57DAF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **BDE7B2**, and **547A4C** is the 20% darker color. If you saturate the color by 10%, you get **79AF6B**, and if you desaturate by 10%, it is **95AF8F**.

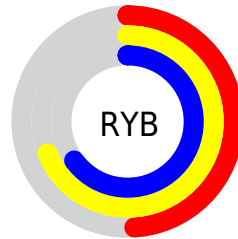
Distribution



Red (53%)

Green (69%)

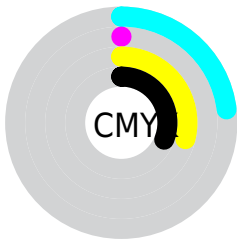
Blue (49%)



Red (49%)

Yellow (69%)

Blue (65%)

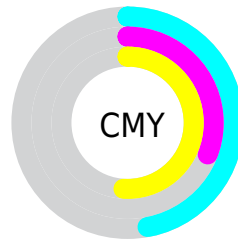


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (31%)



Cyan (47%)

Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87AF7D 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 87AF7D by changing the saturation by 10% instead.



87AF7D



87AF7D

FFFFFF



6D9464



BDE7B2



547A4C



D9FFCD



3C6134



F6FFEA



24491E



0C3208



001F00



000000



87AF7D



87AF7D



79AF6B



95AF8F

 6BAF5A

 A3AFA0

 5DAF49

 B1AFB2

 4FAF37

 BFAFC3

 41AF25

 CDAFD4

 33AF14

 DBAFE6

 25AF02

 E9AFF7

 23AF00

 F7AFF7

 FFAFFF

Harmonies

Analogous

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



A7A86E



87AF7D



65B397

Triad

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



87AF7D



6BABDB



DD8F95

Complementary

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



87AF7D



A57DAF

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



87AF7D



97A1DA

Square

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



87AF7D



48B1CD



BC97CB



D6957C

Rectangle

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



87AF7D



50B4AB



BC97CB



DC8F9E

Sweetspot

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



87AF7D



D3E3CF



AFA57D



697366



F2F2F2



737373

Same Dimension

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



87AF7D



A5E396



7DAF8C



50574E



1E9600



051700

Inverse Universe

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



A57DAF



D496E3



AF7DA0



554E57



780096



120017

Previews

White Background



This preview shows how the Hex color 87AF7D looks on a white background.

Color Contrast Check

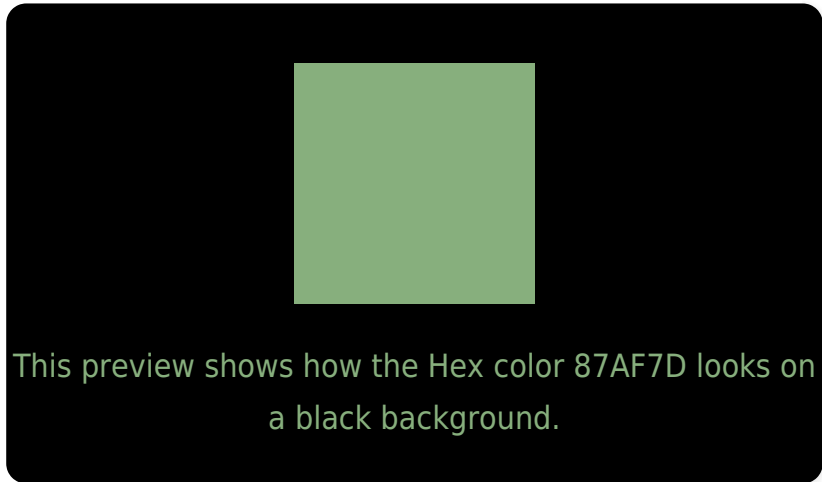
Large Text (above 18pt) WCAG AA × Fail

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

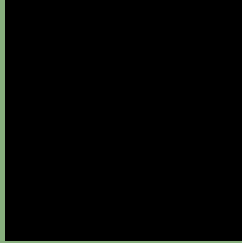
Any Text WCAG AA ✓ Pass

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 87AF7D Background



This preview shows how black text looks on a background with the Hex color 87AF7D.

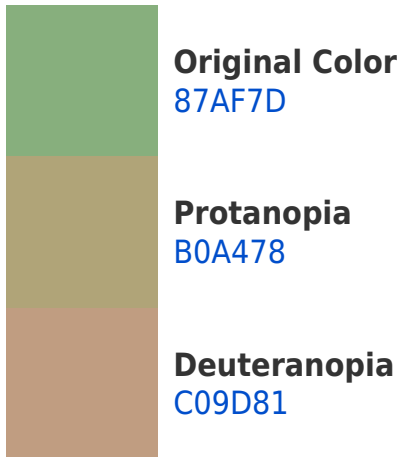


This preview shows how white text looks on a background with the Hex color 87AF7D.

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](#).

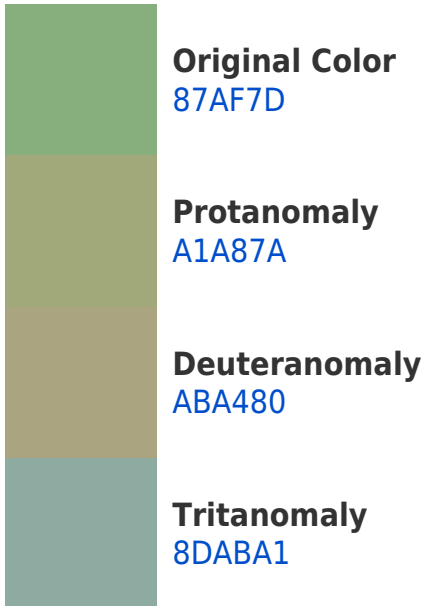
Dichromacy



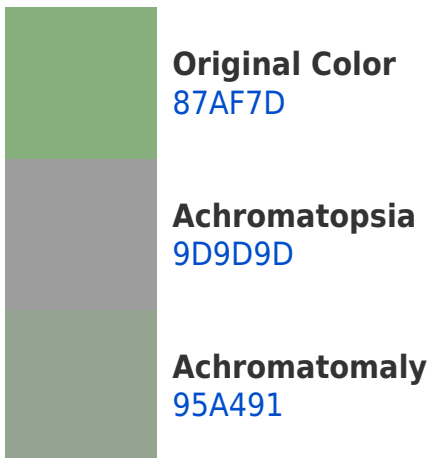


Tritanopia
90A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87AF7D 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 #87AF7D looks like.

```
.text, #text, p{  
    color:#87AF7D  
}
```

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 #87AF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87AF7D
}
```

Border

The CSS property to change the border of an element to Hex 87AF7D 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
#87AF7D }
```

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

```
.border{ border-color:#87AF7D }
```

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

Here you see how a box with a 4 pixel #87AF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87AF7D; -webkit-box-shadow:4px 4px  
4px 4px #87AF7D; box-shadow:4px 4px 4px  
4px #87AF7D }
```

Background

The CSS property to change the background color of an element to Hex 87AF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87AF7D }
```

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

```
.background{ background-color:#87AF7D }
```

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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