

Converting Colors

Hex(87A87E)

Have a look what the booklet for
Hex(87A87E) contains.

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Color

Hex(87A87E)

Conversions

Conversions Part 1

Format	Color
Hex	87A87E
RGB	135, 168, 126
RGB Percent	53%, 66%, 49%
CMY	0.4706, 0.3412, 0.5059
CMYK	0.20, 0.00, 0.25, 0.34
HSL	107°, 19%, 58%
HSV	107°, 25%, 66%
XYZ	27.7602, 34.6625, 24.9661
YIQ	153.3450, -6.1860, -20.0580

Conversions

Conversions Part 2

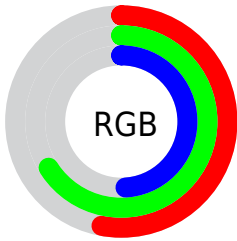
Format	Color
RYB	126, 168, 159
Decimal	8890494
CIELab	65.49, -19.49, 18.08
CIElCh	65, 26.583, 137.149
Yxy	34.6625, 0.3177, 0.3966
Android (android.graphics.Color)	4287080574 (0xFF87A87E)
YUV	153.3450, -13.4811, -16.0886
Hunter-Lab	58.8749, -18.8662, 16.0703

Details

The Hex color **87A87E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9F7EA8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BDDFB3**, and **54744D** is the 20% darker color. If you saturate the color by 10%, you get **7AA86D**, and if you desaturate by 10%, it is **94A88F**.

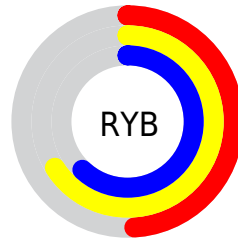
Distribution



Red (53%)

Green (66%)

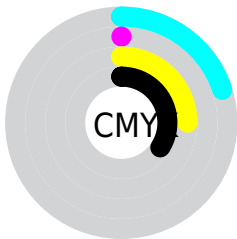
Blue (49%)



Red (49%)

Yellow (66%)

Blue (62%)

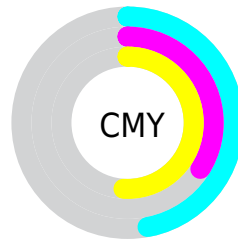


Cyan (20%)

Magenta (0%)

Yellow (25%)

Black (34%)



Cyan (47%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A87E 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 87A87E by changing the saturation by 10% instead.



87A87E



87A87E

FFFFFF



6D8D65



BDDFB3



54744D



D9FCCE



3D5B36



F5FFEB



264320



0F2D0A



001A00



000000



87A87E



87A87E



7AA86D



94A88F

 6DA85C

 A1A8A0

 5FA84C

 AFA8B0

 52A83B

 BCA8C1

 45A82A

 C9A8D2

 38A819

 D6A8E3

 2BA808

 E3A8F4

 24A800

 F1A8FF

 FEA8FF

Harmonies

Analogous

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



A2A271



87A87E



6CAC94

Triad

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



87A87E



72A4CD



CF8E92

Complementary

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



87A87E



9F7EA8

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.



C88FAA



87A87E



949DCC

Square

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



87A87E



59AAC1



B394C0



CA927D

Rectangle

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



87A87E



5DACA4



B394C0



CE8D9A

Sweetspot

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



87A87E



CEDBCA



A89F7E



656E63



EDEDED



6E6E6E

Same Dimension

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



87A87E



A8DB9A



7EA88A



4E544C



209400



041400

Inverse Universe

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



9F7EA8



CD9ADB



A87E9C



524C54



740094



100014

Previews

White Background



This preview shows how the Hex color 87A87E looks on a white background.

Color Contrast Check

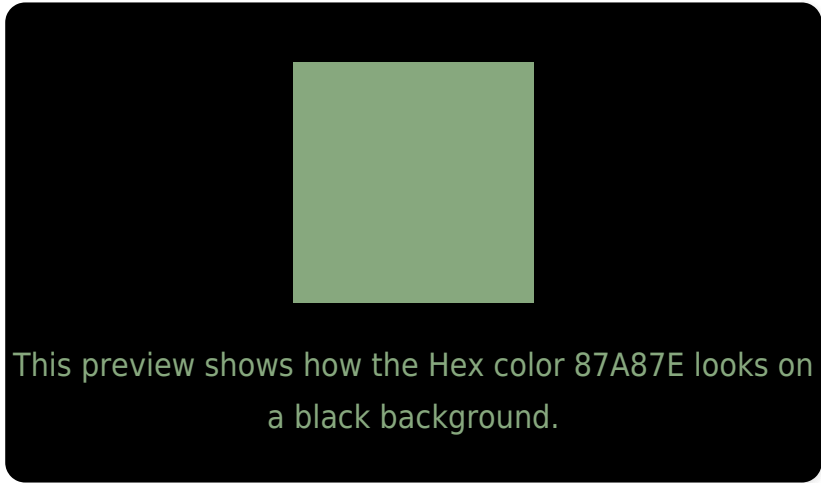
Large Text (above 18pt) WCAG AA × Fail

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

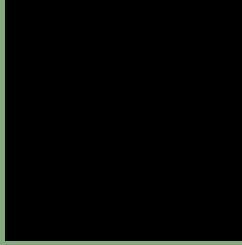
Any Text WCAG AA ✓ Pass

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 87A87E Background



This preview shows how black text looks on a background with the Hex color 87A87E.



This preview shows how white text looks on a background with the Hex color 87A87E.

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](#).

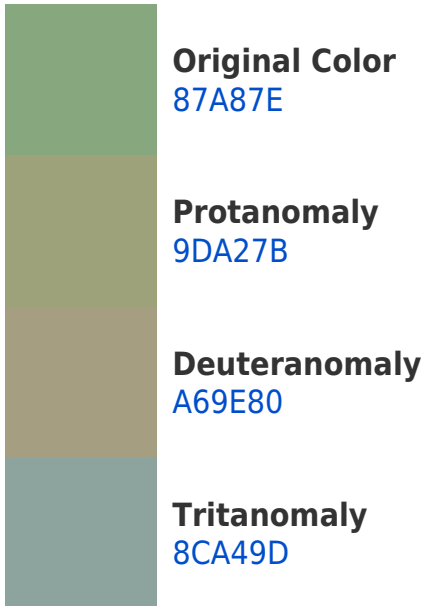
Dichromacy



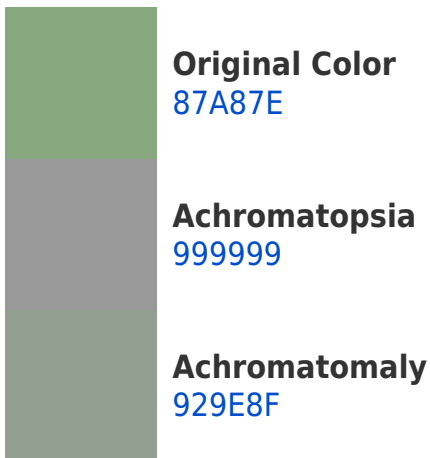


Tritanopia
8FA2AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A87E 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 #87A87E looks like.

```
.text, #text, p{  
    color:#87A87E  
}
```

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 #87A87E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A87E
}
```

Border

The CSS property to change the border of an element to Hex 87A87E 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
#87A87E }
```

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

```
.border{ border-color:#87A87E }
```

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

Here you see how a box with a 4 pixel #87A87E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A87E; -webkit-box-shadow:4px 4px  
4px 4px #87A87E; box-shadow:4px 4px 4px  
4px #87A87E }
```

Background

The CSS property to change the background color of an element to Hex 87A87E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A87E }
```

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

```
.background{ background-color:#87A87E }
```

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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