

Converting Colors

Hex(87A697)

Have a look what the booklet for
Hex(87A697) contains.

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Color

Hex(87A697)

Conversions

Conversions Part 1

Format	Color
Hex	87A697
RGB	135, 166, 151
RGB Percent	53%, 65%, 59%
CMY	0.4706, 0.3490, 0.4078
CMYK	0.19, 0.00, 0.09, 0.35
HSL	151°, 15%, 59%
HSV	151°, 19%, 65%
XYZ	29.2138, 34.6577, 34.4280
YIQ	155.0210, -13.6610, -11.2370

Conversions

Conversions Part 2

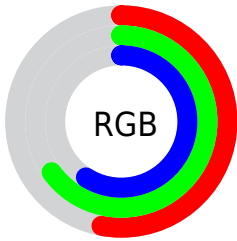
Format	Color
RYB	135, 155, 166
Decimal	8890007
CIELab	65.48, -13.78, 4.23
CIElCh	65, 14.415, 162.930
Yxy	34.6577, 0.2972, 0.3526
Android (android.graphics.Color)	4287080087 (0xFF87A697)
YUV	155.0210, -1.9824, -17.5584
Hunter-Lab	58.8708, -14.4458, 6.5364

Details

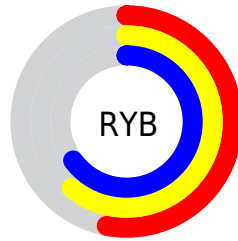
The Hex color **87A697** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A68796**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **BDDDCD**, and **557264** is the 20% darker color. If you saturate the color by 10%, you get **76A68F**, and if you desaturate by 10%, it is **98A69F**.

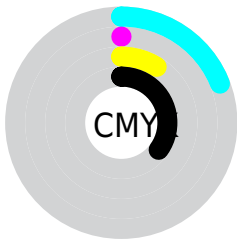
Distribution



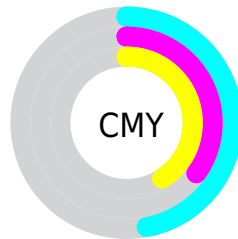
- Red (53%)
- Green (65%)
- Blue (59%)



- Red (53%)
- Yellow (61%)
- Blue (65%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A697 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 87A697 by changing the saturation by 10% instead.



87A697



87A697

FFFFFF



6D8C7D



BDDDCD



557264



D8FAE9



3D594C



F5FFFF



264236



112C20



001809



000000



87A697



87A697



76A68F



98A69F

 66A687

 A8A6A7

 55A67F

 B9A6AF

 45A677

 C9A6B7

 34A66F

 DAA6BF

 23A667

 EBA6C7

 13A65F

 FBA6CF

 02A657

 FFA6D7

 00A656

 FFA6DF

Harmonies

Analogous

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



95A48C



87A697



7EA7A4

Triad

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



87A697



989EB8



B9988E

Complementary

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



87A697



A68796

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.



BA969A



87A697



A89AB2

Square

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



87A697



88A2B7



B597A7



B09C87

Rectangle

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



87A697



7DA6AD



B597A7



BA9792

Sweetspot

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



87A697



CCD9D2



96A687



666E6A



EDEDED



6E6E6E

Same Dimension

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



87A697



A9D9C2



87A6A6



4C5450



00944C



00140B

Inverse Universe

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



A68796



D9A9C0



A68787



544C50



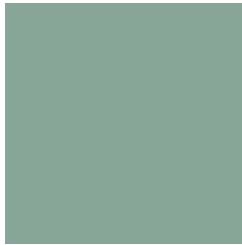
940048



14000A

Previews

White Background



This preview shows how the Hex color 87A697 looks on a white background.

Color Contrast Check

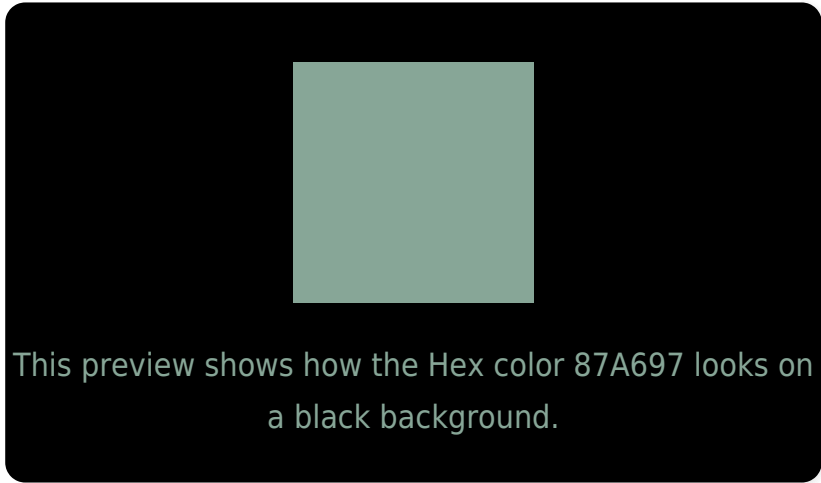
Large Text (above 18pt) WCAG AA × Fail

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

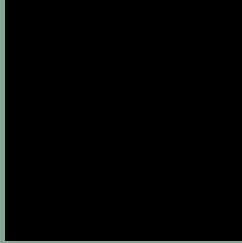
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

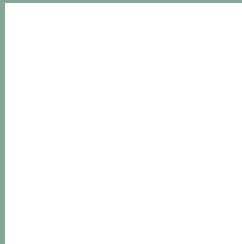
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87A697 Background



This preview shows how black text looks on a background with the Hex color 87A697.

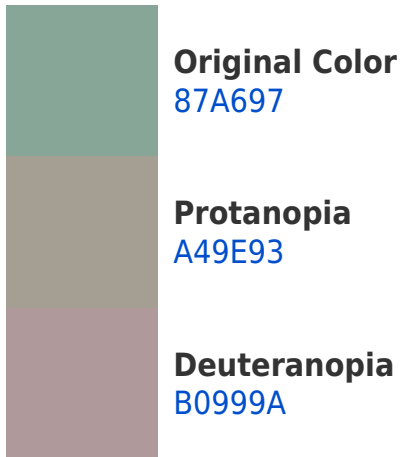


This preview shows how white text looks on a background with the Hex color 87A697.

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
8BA2AF

Trichromacy



Original Color
87A697

Protanomaly
99A194

Deuteranomaly
A19E99

Tritanomaly
8AA3A6

Monochromacy



Original Color
87A697

Achromatopsia
9B9B9B

Achromatomaly
949F9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 87A697 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 #87A697 looks like.

```
.text, #text, p{  
    color:#87A697  
}
```

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 #87A697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A697
}
```

Border

The CSS property to change the border of an element to Hex 87A697 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
#87A697 }
```

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

```
.border{ border-color:#87A697 }
```

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

Here you see how a box with a 4 pixel #87A697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A697; -webkit-box-shadow:4px 4px  
4px 4px #87A697; box-shadow:4px 4px 4px  
4px #87A697 }
```

Background

The CSS property to change the background color of an element to Hex 87A697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A697 }
```

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

```
.background{ background-color:#87A697 }
```

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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