

Converting Colors

Hex(87A5A5)

Have a look what the booklet for
Hex(87A5A5) contains.

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Color

Hex(87A5A5)

Conversions

Conversions Part 1

Format	Color
Hex	87A5A5
RGB	135, 165, 165
RGB Percent	53%, 65%, 65%
CMY	0.4706, 0.3529, 0.3529
CMYK	0.18, 0.00, 0.00, 0.35
HSL	180°, 14%, 59%
HSV	180°, 18%, 65%
XYZ	30.2383, 34.7778, 40.7164
YIQ	156.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

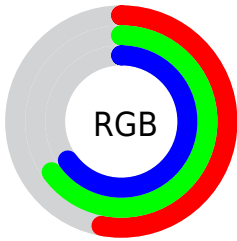
Format	Color
R _Y B	135, 150, 165
Decimal	8889765
CIE Lab	65.58, -10.29, -3.44
CIE LCh	66, 10.847, 198.505
Yxy	34.7778, 0.2860, 0.3289
Android (android.graphics.Color)	4287079845 (0xFF87A5A5)
YUV	156.0300, 4.4222, -18.4433
Hunter-Lab	58.9727, -11.6760, 0.3454

Details

The Hex color **87A5A5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A58787**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **BDDCDC**, and **557171** is the 20% darker color. If you saturate the color by 10%, you get **76A5A5**, and if you desaturate by 10%, it is **98A5A5**.

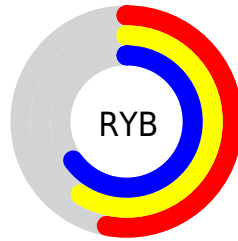
Distribution



Red (53%)

Green (65%)

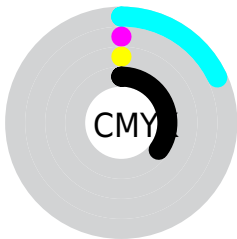
Blue (65%)



Red (53%)

Yellow (59%)

Blue (65%)

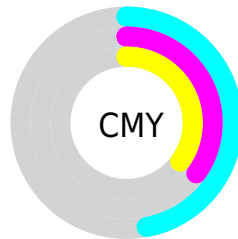


Cyan (18%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A5A5 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 87A5A5 by changing the saturation by 10% instead.



87A5A5



87A5A5

FFFFFF



6D8B8B



BDDCDC



557171



D9F9F8



3D5959



F5FFFF



264141



0F2B2B



001717



000000



87A5A5



87A5A5



76A5A5



98A5A5

66A5A5

A8A5A5

55A5A5

B8A5A5

45A5A5

C9A5A5

34A5A5

D9A5A5

24A5A5

EAA5A5

13A5A5

FAA5A5

03A5A5

FFA5A5

00A5A5

Harmonies

Analogous

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



8CA59B



87A5A5



89A4AD

Triad

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



87A5A5



A89BAC



AB9D8C

Complementary

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



87A5A5



A58787

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.



B29A91



87A5A5



B199A3

Square

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



87A5A5



9D9EB2



B49999



A1A08D

Rectangle

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



87A5A5



8DA2B1



B49999



AE9C8D

Sweetspot

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



87A5A5



CBD6D6



87A587



656B6B



EBEBEB



6B6B6B

Same Dimension

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



87A5A5



A7D6D6



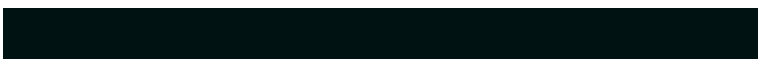
8796A5



495252



009191



001212

Inverse Universe

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



A587A5



D6A7D6



A59687



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 87A5A5 looks on a white background.

Color Contrast Check

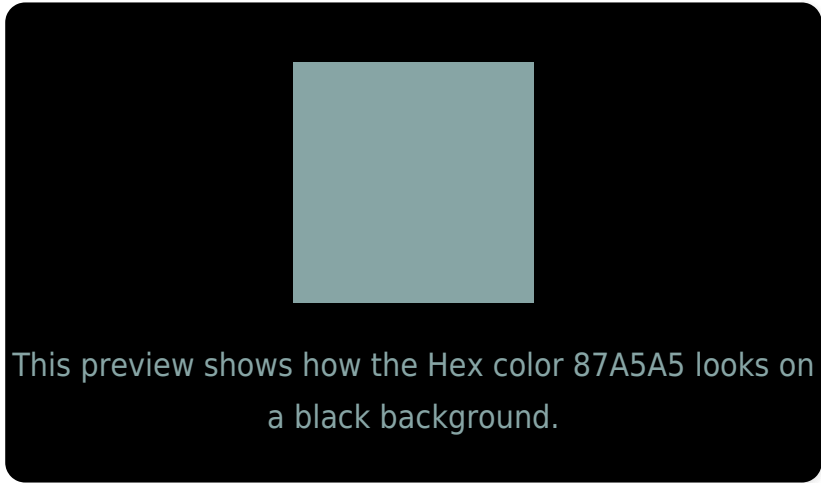
Large Text (above 18pt) WCAG AA × Fail

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

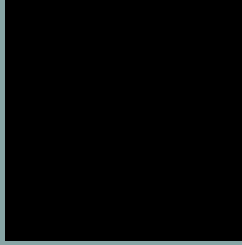
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

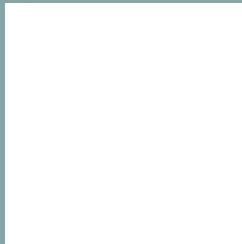
Any Text WCAG AAA ✓ Pass

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

Hex 87A5A5 Background



This preview shows how black text looks on a background with the Hex color 87A5A5.

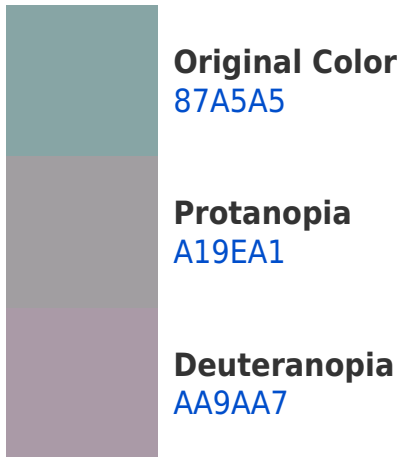


This preview shows how white text looks on a background with the Hex color 87A5A5.

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](#).

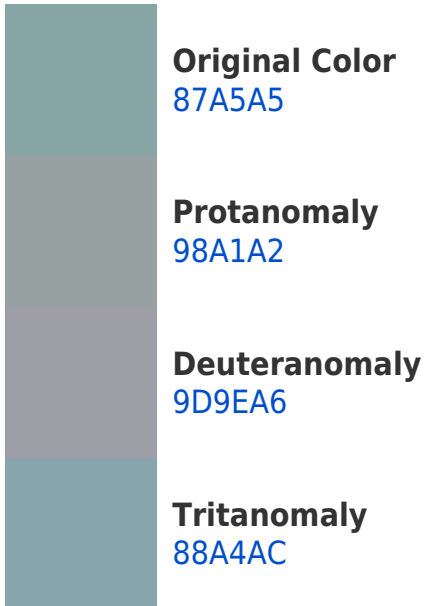
Dichromacy



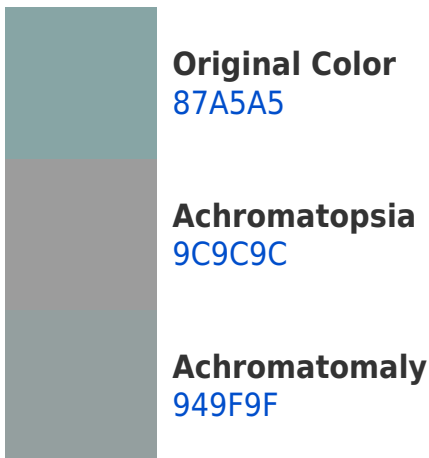


Tritanopia
89A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A5A5 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 #87A5A5 looks like.

```
.text, #text, p{  
    color:#87A5A5  
}
```

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 #87A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A5A5
}
```

Border

The CSS property to change the border of an element to Hex 87A5A5 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
#87A5A5 }
```

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

```
.border{ border-color:#87A5A5 }
```

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

Here you see how a box with a 4 pixel #87A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A5A5; -webkit-box-shadow:4px 4px  
4px 4px #87A5A5; box-shadow:4px 4px 4px  
4px #87A5A5 }
```

Background

The CSS property to change the background color of an element to Hex 87A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A5A5 }
```

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

```
.background{ background-color:#87A5A5 }
```

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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