

# Converting Colors

Hex(86A7A5)

Have a look what the booklet for  
Hex(86A7A5) contains.

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# **Color**

**Hex(86A7A5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86A7A5
RGB	134, 167, 165
RGB Percent	53%, 65%, 65%
CMY	0.4745, 0.3451, 0.3529
CMYK	0.20, 0.00, 0.01, 0.35
HSL	176°, 16%, 59%
HSV	176°, 20%, 65%
XYZ	30.4418, 35.4224, 40.8301
YIQ	156.9050, -19.0260, -7.6180

# Conversions

## Conversions Part 2

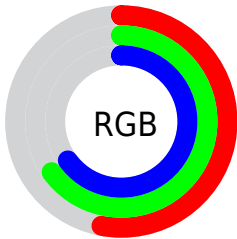
Format	Color
<a href="#">RYB</a>	<a href="#">134, 151, 167</a>
Decimal	<a href="#">8824741</a>
CIELab	<a href="#">66.08, -11.68, -2.71</a>
CIELCh	<a href="#">66, 11.992, 193.075</a>
Yxy	<a href="#">35.4224, 0.2853, 0.3320</a>
Android (android.graphics.Color)	<a href="#">4287014821</a> ( <a href="#">0xFF86A7A5</a> )
YUV	<a href="#">156.9050, 3.9908, -20.0877</a>
Hunter-Lab	<a href="#">59.5167, -12.8546, 0.9872</a>

# Details

The Hex color **86A7A5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A78688**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **BCDEDC**, and **547371** is the 20% darker color. If you saturate the color by 10%, you get **75A7A4**, and if you desaturate by 10%, it is **97A7A6**.

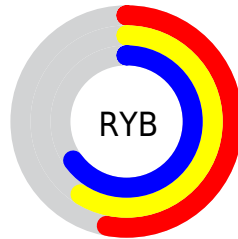
# Distribution



Red (53%)

Green (65%)

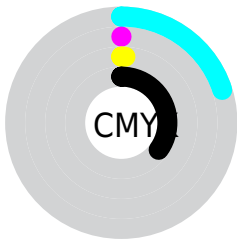
Blue (65%)



Red (53%)

Yellow (59%)

Blue (65%)

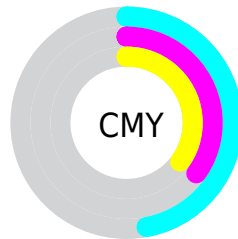


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86A7A5 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 86A7A5 by changing the saturation by 10% instead.





86A7A5



86A7A5

FFFFFF



6C8D8B



BCDEDC



547371



D8FBF8



3C5A59



F4FFFF



254341



0E2D2B



001917



000000



86A7A5



86A7A5



75A7A4



97A7A6

65A7A3

A7A7A7

54A7A2

B8A7A8

43A7A1

C9A7A9

32A7A0

D9A7AA

22A79F

EAA7AB

11A79E

FBA7AC

00A79D

FFA7AD

FFA7AE

# Harmonies

## Analogous

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



8DA69A



86A7A5



86A6AF

# Triad

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



86A7A5



A89CB0



AF9E8C

# Complementary

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



86A7A5



A78688

# 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.



B69B92



86A7A5



B39AA7

# Square

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



86A7A5



9BA0B5



B8999C



A4A18C

# Rectangle

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



86A7A5



8BA4B3



B8999C



B29D8E



# Sweetspot

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



86A7A5



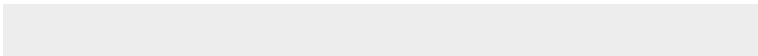
CCD9D8



88A786



666E6D



EDEDED



6E6E6E



# Same Dimension

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



86A7A5



A5D9D6



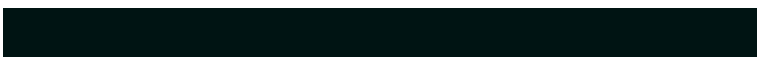
8699A7



4C5454



00948B



001413



# Inverse Universe

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



A78688



D9A5A8



A79486



544C4C



940009



140001



# Previews

## White Background



This preview shows how the Hex color 86A7A5 looks on a white background.

## Color Contrast Check

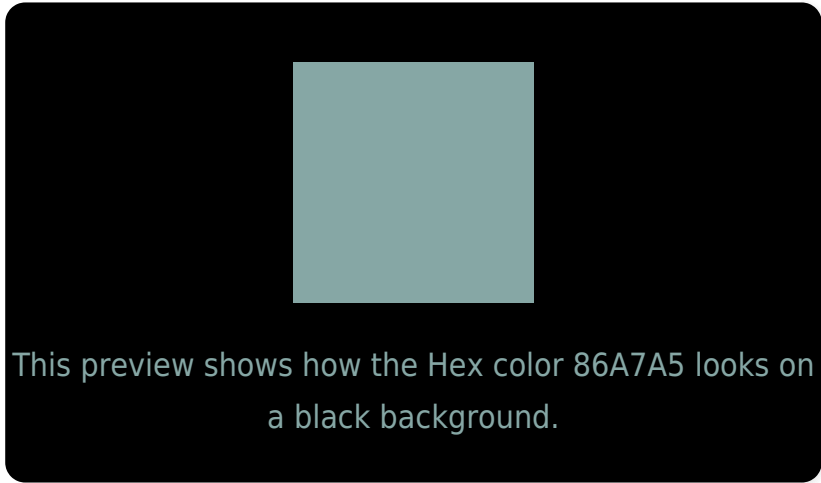
Large Text (above 18pt) WCAG AA × Fail

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

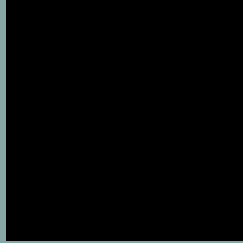
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

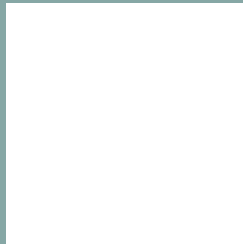
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 86A7A5 Background



This preview shows how black text looks on a background with the Hex color 86A7A5.

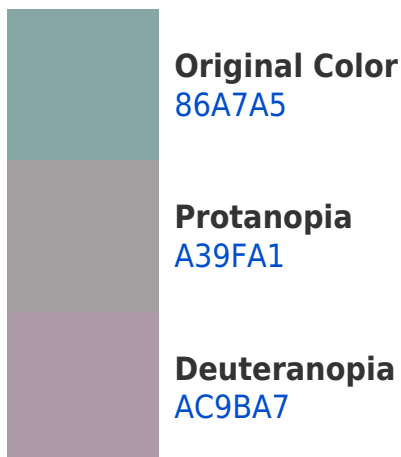


This preview shows how white text looks on a background with the Hex color 86A7A5.

# 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](#).

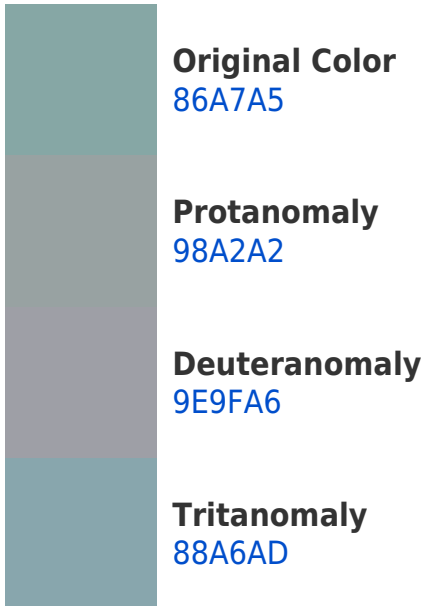
## Dichromacy



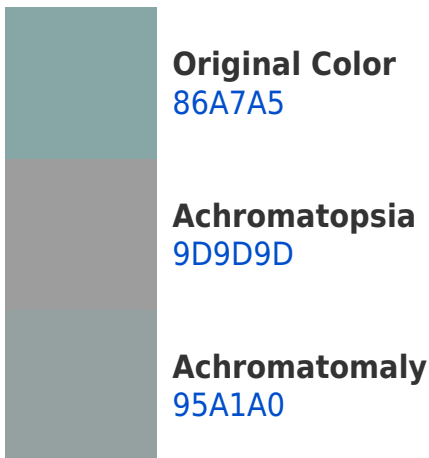


**Tritanopia**  
89A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86A7A5 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 #86A7A5 looks like.

```
.text, #text, p{  
    color:#86A7A5  
}
```

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 #86A7A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86A7A5
}
```

## Border

The CSS property to change the border of an element to Hex 86A7A5 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
#86A7A5 }
```

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

```
.border{ border-color:#86A7A5 }
```

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

Here you see how a box with a 4 pixel #86A7A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86A7A5; -webkit-box-shadow:4px 4px  
4px 4px #86A7A5; box-shadow:4px 4px 4px  
4px #86A7A5 }
```

# Background

The CSS property to change the background color of an element to Hex 86A7A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86A7A5 }
```

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

```
.background{ background-color:#86A7A5 }
```

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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