

# Converting Colors

Hex(8A7B86)

Have a look what the booklet for  
Hex(8A7B86) contains.

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# Color

Hex(8A7B86)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A7B86
RGB	138, 123, 134
RGB Percent	54%, 48%, 53%
CMY	0.4588, 0.5176, 0.4745
CMYK	0.00, 0.11, 0.03, 0.46
HSL	316°, 6%, 51%
HSV	316°, 11%, 54%
XYZ	21.8673, 21.2904, 25.5112
YIQ	128.7390, 5.4090, 6.6010

# Conversions

## Conversions Part 2

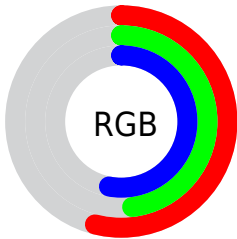
Format	Color
<a href="#">RYB</a>	<a href="#">138, 123, 134</a>
Decimal	<a href="#">9075590</a>
CIELab	<a href="#">53.27, 7.82, -3.87</a>
CIElCh	<a href="#">53, 8.724, 333.640</a>
Yxy	<a href="#">21.2904, 0.3184, 0.3100</a>
Android (android.graphics.Color)	<a href="#">4287265670 (0xFF8A7B86)</a>
YUV	<a href="#">128.7390, 2.5937, 8.1219</a>
Hunter-Lab	<a href="#">46.1415, 3.8465, -0.4818</a>

# Details

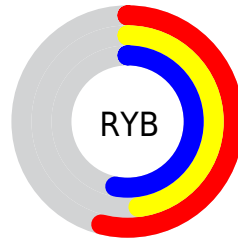
The Hex color **8A7B86** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7B8A7F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BFAFBB**, and **584A54** is the 20% darker color. If you saturate the color by 10%, you get **8A6D82**, and if you desaturate by 10%, it is **8A898A**.

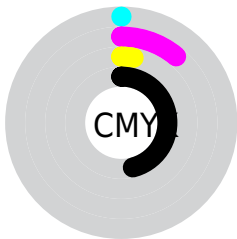
# Distribution



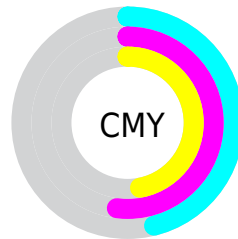
- Red (54%)
- Green (48%)
- Blue (53%)



- Red (54%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (52%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A7B86 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 8A7B86 by changing the saturation by 10% instead.



8A7B86

8A7B86

FFFFFF

71626D

BFAFBB

584A54

DBCBD7

41343D

F8E7F3

2B1E28

170613

000000

8A7B86

8A7B86

8A6D82

8A898A

8A5F7F

8A978D

8A527B

8AA491

8A4477

8AB295

8A3674

8AC098

8A2870

8ACE9C

8A1A6C

8ADCA0

8A0D69

8AE9A3

8A0065

8AF7A7

# Harmonies

## Analogous

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



827D8C



8A7B86



8F7A7F

# Triad

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



8A7B86



857F70



6D8387

# Complementary

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



8A7B86



7B8A7F

# 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.



6E8480



8A7B86



7C8173

# Square

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



8A7B86



8B7D72



748378



70828C

# Rectangle

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



8A7B86



907A79



748378



6C8485



# Sweetspot

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



8A7B86



B3ADB1



7F7B8A



595658



D9D9D9



595959



# Same Dimension

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



8A7B86



B39BAC



8A7B7F



453E43



850061



050004



# Inverse Universe

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



8A7B86



B39BAC



7B8A87



453E43



850061



050004



# Previews

## White Background



This preview shows how the Hex color 8A7B86 looks on a white background.

## Color Contrast Check

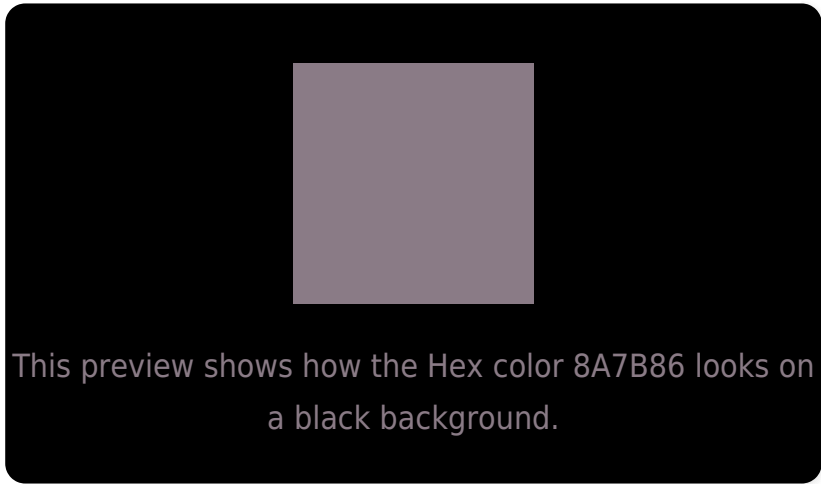
Large Text (above 18pt) WCAG AA ✓ Pass

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

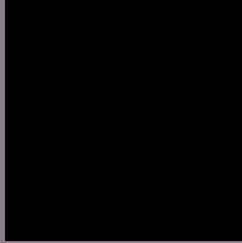
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 8A7B86 Background



This preview shows how black text looks on a background with the Hex color 8A7B86.



This preview shows how white text looks on a background with the Hex color 8A7B86.

# 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



**Original Color**  
8A7B86

**Protanopia**  
7F7E88

**Deuteranopia**  
897C86



**Tritanopia**  
8A7B85

# Trichromacy



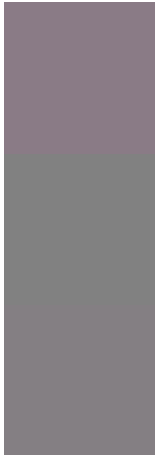
**Original Color**  
8A7B86

**Protanomaly**  
837D87

**Deuteranomaly**  
897C86

**Tritanomaly**  
8A7B85

# Monochromacy



**Original Color**  
8A7B86

**Achromatopsia**  
818181

**Achromatomaly**  
847F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A7B86 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 #8A7B86 looks like.

```
.text, #text, p{  
    color:#8A7B86  
}
```

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 #8A7B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7B86
}
```

## Border

The CSS property to change the border of an element to Hex 8A7B86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

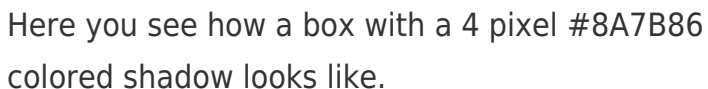
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A7B86 }
```

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

```
.border{ border-color:#8A7B86 }
```

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



Here you see how a box with a 4 pixel #8A7B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7B86; -webkit-box-shadow:4px 4px  
4px 4px #8A7B86; box-shadow:4px 4px 4px  
4px #8A7B86 }
```

# Background

The CSS property to change the background color of an element to Hex 8A7B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7B86 }
```

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

```
.background{ background-color:#8A7B86 }
```

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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