

Converting Colors

Hex(8A7993)

Have a look what the booklet for
Hex(8A7993) contains.

Hex(8A7993)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8A7993)

Conversions

Conversions Part 1

Format	Color
Hex	8A7993
RGB	138, 121, 147
RGB Percent	54%, 47%, 58%
CMY	0.4588, 0.5255, 0.4235
CMYK	0.06, 0.18, 0.00, 0.42
HSL	279°, 11%, 53%
HSV	279°, 18%, 58%
XYZ	22.5851, 21.1846, 30.5024
YIQ	129.0470, 1.7860, 11.6900

Conversions

Conversions Part 2

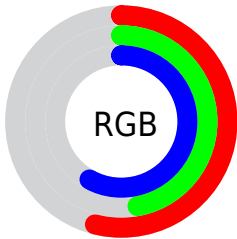
Format	Color
RYB	138, 121, 147
Decimal	9075091
CIELab	53.15, 11.63, -11.64
CIElCh	53, 16.452, 314.975
Yxy	21.1846, 0.3041, 0.2852
Android (android.graphics.Color)	4287265171 (0xFF8A7993)
YUV	129.0470, 8.8508, 7.8518
Hunter-Lab	46.0267, 7.0422, -7.0734

Details

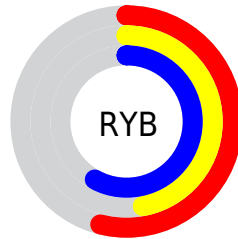
The Hex color **8A7993** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **829379**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **C0ADC9**, and **584860** is the 20% darker color. If you saturate the color by 10%, you get **856A93**, and if you desaturate by 10%, it is **8F8893**.

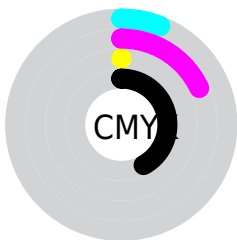
Distribution



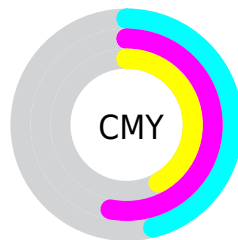
- Red (54%)
- Green (47%)
- Blue (58%)



- Red (54%)
- Yellow (47%)
- Blue (58%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A7993 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 8A7993 by changing the saturation by 10% instead.



8A7993



8A7993

FFFFFF



706079



C0ADC9



584860



DBC9E5



403249



F8E5FF



2A1D32



17041D



000000



8A7993



8A7993



856A93



8F8893



805C93



949693

7B4D93

99A593

763E93

9EB493

713093

A3C393

6B2193

A9D193

661293

AEE093

610393

B3EF93

600093

B8FD93

Harmonies

Analogous

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



787E9A



8A7993



977687

Triad

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



8A7993



907C64



598786

Complementary

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



8A7993



829379

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.



638777



8A7993



828064

Square

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



8A7993



9A776C



72846B



5A8692

Rectangle

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



8A7993



9B757D



72846B



5C8781

Sweetspot

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



8A7993



BCB6BF



798293



5F5B61



E0E0E0



616161

Same Dimension

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



8A7993



B197BF



93798F



47434A



5A008A



07000A

Inverse Universe

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



937982



BF97A5



79937D



4A4345



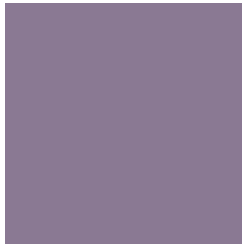
8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 8A7993 looks on a white background.

Color Contrast Check

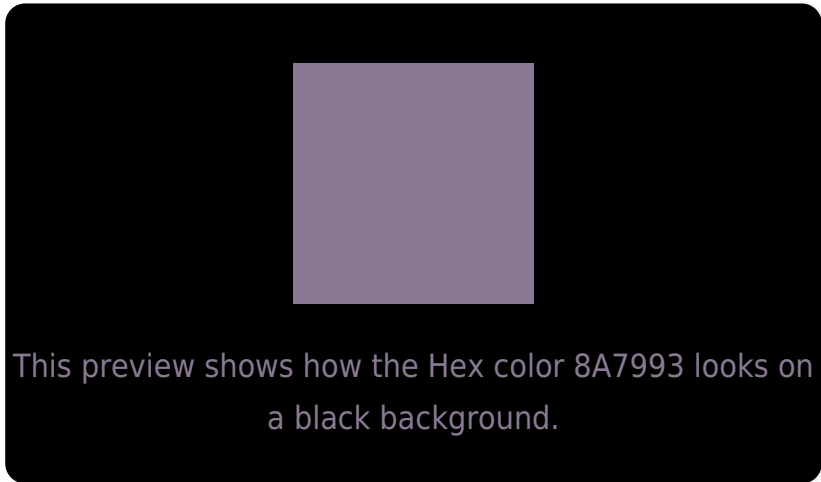
Large Text (above 18pt) WCAG AA ✓ Pass

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

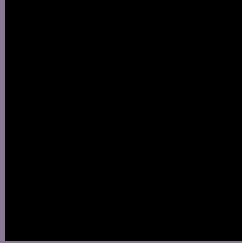
Any Text WCAG AA ✓ Pass

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 8A7993 Background



This preview shows how black text looks on a background with the Hex color 8A7993.



This preview shows how white text looks on a background with the Hex color 8A7993.

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
8A7993

Protanopia
7A7E96

Deuteranopia
827C92



Tritanopia
887B85

Trichromacy



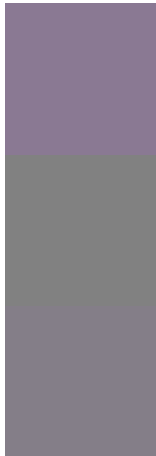
Original Color
8A7993

Protanomaly
807C95

Deuteranomaly
857B92

Tritanomaly
897A8A

Monochromacy



Original Color
8A7993

Achromatopsia
818181

Achromatomaly
847E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 8A7993 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 #8A7993 looks like.

```
.text, #text, p{  
    color:#8A7993  
}
```

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 #8A7993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A7993
}
```

Border

The CSS property to change the border of an element to Hex 8A7993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

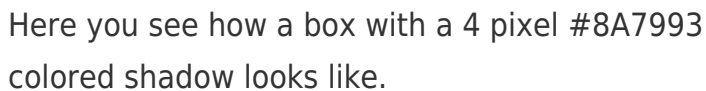
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A7993 }
```

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

```
.border{ border-color:#8A7993 }
```

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



Here you see how a box with a 4 pixel #8A7993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A7993; -webkit-box-shadow:4px 4px  
4px 4px #8A7993; box-shadow:4px 4px 4px  
4px #8A7993 }
```

Background

The CSS property to change the background color of an element to Hex 8A7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A7993 }
```

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

```
.background{ background-color:#8A7993 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor