

Converting Colors

Hex(857A9A)

Have a look what the booklet for
Hex(857A9A) contains.

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Color

Hex(857A9A)

Conversions

Conversions Part 1

Format	Color
Hex	857A9A
RGB	133, 122, 154
RGB Percent	52%, 48%, 60%
CMY	0.4784, 0.5216, 0.3961
CMYK	0.14, 0.21, 0.00, 0.40
HSL	261°, 14%, 54%
HSV	261°, 21%, 60%
XYZ	22.4651, 21.2387, 33.4873
YIQ	128.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

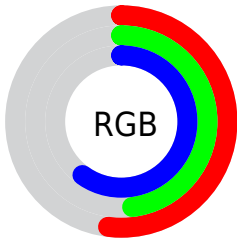
Format	Color
R_{YB}	133, 122, 154
Decimal	8747674
CIE _{Lab}	53.21, 10.83, -15.67
CIE _{LCh}	53, 19.049, 304.632
Yxy	21.2387, 0.2910, 0.2751
Android (android.graphics.Color)	4286937754 (0xFF857A9A)
YUV	128.9370, 12.3561, 3.5633
Hunter-Lab	46.0855, 6.3632, -10.8223

Details

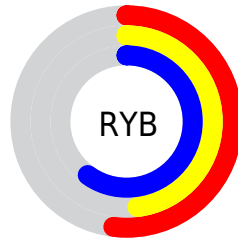
The Hex color **857A9A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8F9A7A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **BAAED0**, and **534967** is the 20% darker color. If you saturate the color by 10%, you get **7B6B9A**, and if you desaturate by 10%, it is **8F899A**.

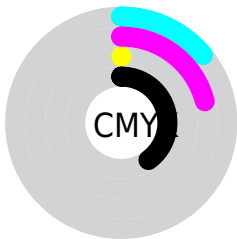
Distribution



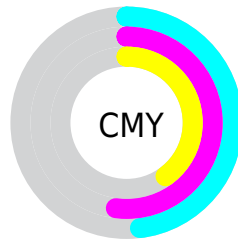
- Red (52%)
- Green (48%)
- Blue (60%)



- Red (52%)
- Yellow (48%)
- Blue (60%)



- Cyan (14%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)



- Cyan (48%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 857A9A 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 857A9A by changing the saturation by 10% instead.

■ 857A9A

■ 857A9A

FFFFFF

■ 6C6180

■ BAAED0

■ 534967

■ D6CAED

■ 3C334F

■ F3E6FF

■ 251E38

■ 120522

■ 00000A

■ 000000

■ 857A9A

■ 857A9A

■ 7B6B9A

■ 8F899A

715B9A

99999A

674C9A

A3A89A

5D3C9A

ADB89A

522D9A

B8C79A

481E9A

C2D69A

3E0E9A

CCE69A

35009A

D6F59A

E0FF9A

Harmonies

Analogous

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



6F809F



857A9A



96758D

Triad

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



857A9A



977962



558881

Complementary

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



857A9A



8F9A7A

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.



648771



857A9A



897F5E

Square

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



857A9A



A0756D



778464



508891

Rectangle

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



857A9A



9E7483



778464



59887B

Sweetspot

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



857A9A



C2BDC9



7A8F9A



615F66



E6E6E6



666666

Same Dimension

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



857A9A



A897C9



957A9A



47454D



30008C



04000D

Inverse Universe

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



9A7A8F



C997B8



7F9A7A



4D454A



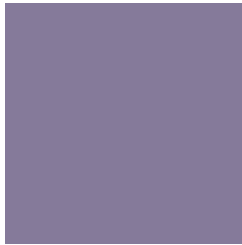
8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 857A9A looks on a white background.

Color Contrast Check

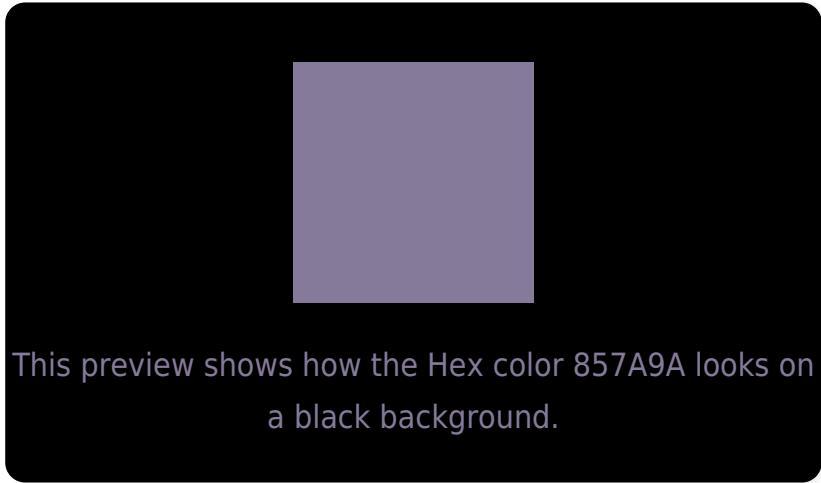
Large Text (above 18pt) WCAG AA ✓ Pass

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

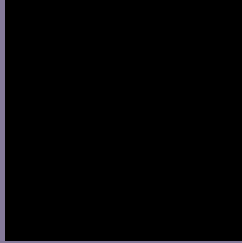
Any Text WCAG AA ✓ Pass

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 857A9A Background



This preview shows how black text looks on a background with the Hex color 857A9A.



This preview shows how white text looks on a background with the Hex color 857A9A.

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
857A9A

Protanopia
787E9D

Deuteranopia
7E7C9A



Tritanopia
827D87

Trichromacy



Original Color
857A9A

Protanomaly
7D7D9C

Deuteranomaly
817B9A

Tritanomaly
837C8E

Monochromacy



Original Color
857A9A

Achromatopsia
818181

Achromatomaly
827E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 857A9A 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 #857A9A looks like.

```
.text, #text, p{  
    color:#857A9A  
}
```

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 #857A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #857A9A
}
```

Border

The CSS property to change the border of an element to Hex 857A9A 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
#857A9A }
```

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

```
.border{ border-color:#857A9A }
```

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

Here you see how a box with a 4 pixel #857A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #857A9A; -webkit-box-shadow:4px 4px  
4px 4px #857A9A; box-shadow:4px 4px 4px  
4px #857A9A }
```

Background

The CSS property to change the background color of an element to Hex 857A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#857A9A }
```

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

```
.background{ background-color:#857A9A }
```

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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