

Converting Colors

Hex(834A7B)

Have a look what the booklet for
Hex(834A7B) contains.

| | |
|--|----|
| Hex(834A7B) | 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(834A7B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 834A7B |
| RGB | 131, 74, 123 |
| RGB Percent | 51%, 29%, 48% |
| CMY | 0.4863, 0.7098, 0.5176 |
| CMYK | 0.00, 0.44, 0.06, 0.49 |
| HSL | 308°, 28%, 40% |
| HSV | 308°, 44%, 51% |
| XYZ | 15.3840, 11.1529, 20.0808 |
| YIQ | 96.6290, 18.2430, 27.3230 |

Conversions

Conversions Part 2

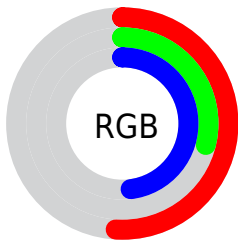
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 74, 123 |
| Decimal | 8604283 |
| CIE Lab | 39.84, 31.81, -17.57 |
| CIE LCh | 40, 36.342, 331.085 |
| Yxy | 11.1529, 0.3300, 0.2392 |
| Android (android.graphics.Color) | 4286794363 (0xFF834A7B) |
| YUV | 96.6290, 13.0009, 30.1434 |
| Hunter-Lab | 33.3960, 23.7838, -12.2735 |

Details

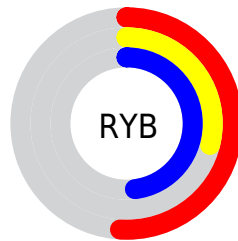
The Hex color **834A7B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A8352**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B97CB0**, and **501A4A** is the 20% darker color. If you saturate the color by 10%, you get **833D79**, and if you desaturate by 10%, it is **83577D**.

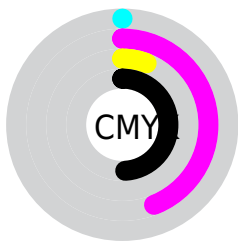
Distribution



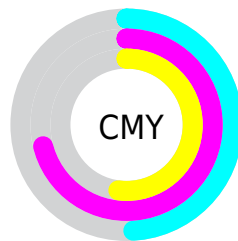
- Red (51%)
- Green (29%)
- Blue (48%)



- Red (51%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (44%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 834A7B 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 834A7B by changing the saturation by 10% instead.

834A7B

834A7B

FFFFFF

693262

B97CB0

501A4A

D597CB

380233

F2B2E7

25001F

FFCDDF

000000

FFEAFF

834A7B

834A7B

833D79

83577D

833077

83647F

832375

837181

831674

837E82

830972

838B84

830071

839986

83A688

83B38A

83C08C

Harmonies

Analogous

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



615691



834A7B



93445E

Triad

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



834A7B



6E5D20



006C7C

Complementary

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



834A7B



4A8352

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.



006D5E



834A7B



4F6528

Square

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



834A7B



85522A



276A40



006891

Rectangle

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



834A7B



95454A



276A40



006D72

Sweetspot

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



834A7B



AB95A8



524A83



574955



D6D6D6



575757

Same Dimension

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



834A7B



AB529E



834A5F



423C41



820070



030002

Inverse Universe

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



834A7B



AB529E



4A836E



423C41



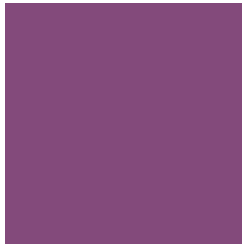
820070



030002

Previews

White Background



This preview shows how the Hex color 834A7B looks on a white background.

Color Contrast Check

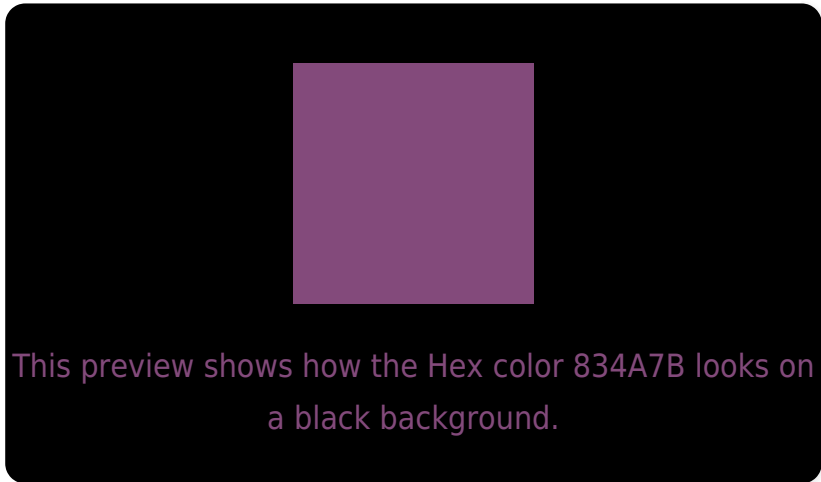
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

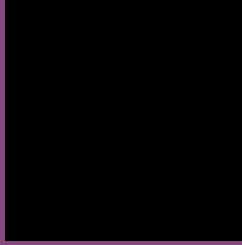
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 834A7B Background



This preview shows how black text looks on a background with the Hex color 834A7B.

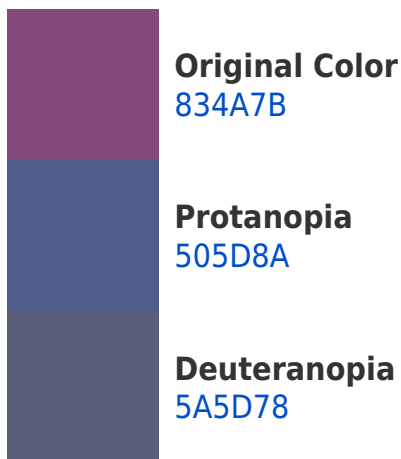



This preview shows how white text looks on a background with the Hex color 834A7B.

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
7F5258

Trichromacy



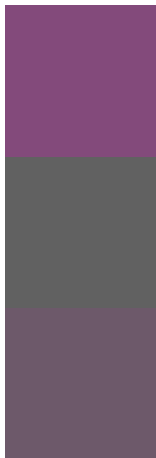
Original Color
834A7B

Protanomaly
635685

Deuteranomaly
695679

Tritanomaly
804F65

Monochromacy



Original Color
834A7B

Achromatopsia
616161

Achromatomaly
6D596A

CSS Examples

Text

The CSS property to change the color of the text to Hex 834A7B 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 #834A7B looks like.

```
.text, #text, p{  
    color:#834A7B  
}
```

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 #834A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #834A7B
}
```

Border

The CSS property to change the border of an element to Hex 834A7B is called "border". The border property can be set on classes, ids or directly on the HTML element.

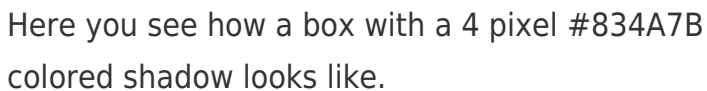
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#834A7B }
```

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

```
.border{ border-color:#834A7B }
```

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



Here you see how a box with a 4 pixel #834A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #834A7B; -webkit-box-shadow:4px 4px  
4px 4px #834A7B; box-shadow:4px 4px 4px  
4px #834A7B }
```

Background

The CSS property to change the background color of an element to Hex 834A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#834A7B }
```

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

```
.background{ background-color:#834A7B }
```

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