

Converting Colors

Hex(835B8E)

Have a look what the booklet for
Hex(835B8E) contains.

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Color

Hex(835B8E)

Conversions

Conversions Part 1

Format	Color
Hex	835B8E
RGB	131, 91, 142
RGB Percent	51%, 36%, 56%
CMY	0.4863, 0.6431, 0.4431
CMYK	0.08, 0.36, 0.00, 0.44
HSL	287°, 22%, 46%
HSV	287°, 36%, 56%
XYZ	17.9836, 14.2605, 27.3959
YIQ	108.7740, 7.4690, 24.3410

Conversions

Conversions Part 2

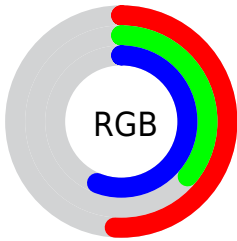
Format	Color
R_{YB}	131, 91, 142
Decimal	8608654
CIE _{Lab}	44.60, 25.82, -21.77
CIE _{LCh}	45, 33.774, 319.862
Yxy	14.2605, 0.3015, 0.2391
Android (android.graphics.Color)	4286798734 (0xFF835B8E)
YUV	108.7740, 16.3804, 19.4922
Hunter-Lab	37.7630, 18.9206, -16.5789

Details

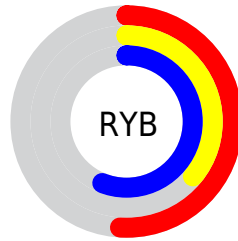
The Hex color **835B8E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **668E5B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B98EC4**, and **502C5C** is the 20% darker color. If you saturate the color by 10%, you get **804D8E**, and if you desaturate by 10%, it is **86698E**.

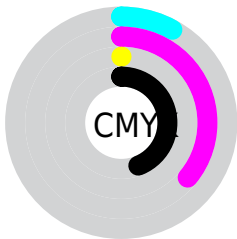
Distribution



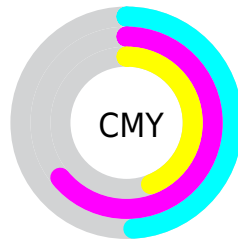
- Red (51%)
- Green (36%)
- Blue (56%)



- Red (51%)
- Yellow (36%)
- Blue (56%)



- Cyan (8%)
- Magenta (36%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 835B8E 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 835B8E by changing the saturation by 10% instead.

 835B8E

 835B8E

FFFFFF

 694374

 B98EC4

 502C5C

 D5A8E0

 391644

 F1C4FD

 23002D

 FFE0FF

 000018

 FFFDFD

 000000

 835B8E

 835B8E

 804D8E

 86698E

 7D3F8E

 89778E

 7A308E

 8C868E

 77228E

 8F948E

 74148E

 92A28E

 71068E

 95B08E

 6F008E

 98BE8E

 9CCD8E

 9FDB8E

Harmonies

Analogous

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



5D669E



835B8E



995374

Triad

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



835B8E



836531



00787C

Complementary

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



835B8E



668E5B

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.



16775F



835B8E



686E33

Square

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



835B8E



965A40



477444



007594

Rectangle

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



835B8E



9F5261



477444



007872

Sweetspot

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



835B8E



B3A3B8



5B668E



59505C



DBDBDB



5C5C5C

Same Dimension

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



835B8E



A769B8



8E5B80



464047



6A0087



060008

Inverse Universe

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



8E5B66



B8697A



5B8E69



474042



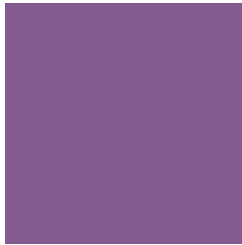
87001D



080002

Previews

White Background



This preview shows how the Hex color 835B8E looks on a white background.

Color Contrast Check

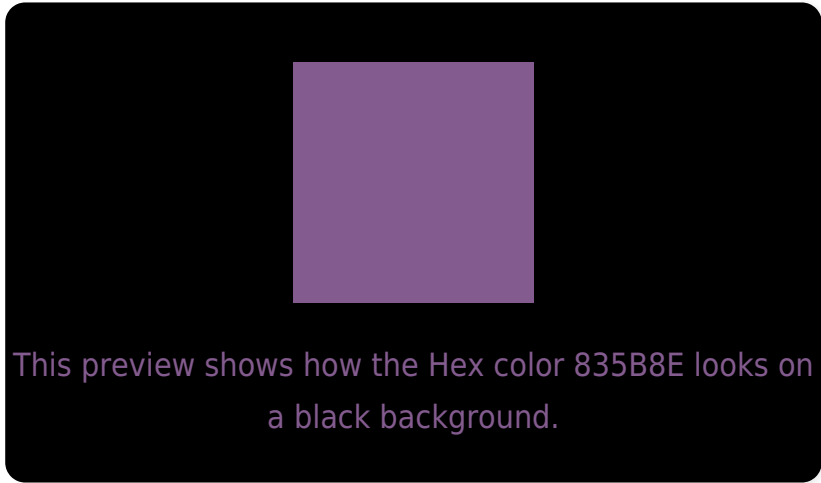
Large Text (above 18pt) WCAG AA ✓ Pass

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

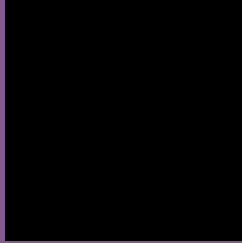
Any Text WCAG AA × Fail

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 835B8E Background



This preview shows how black text looks on a background with the Hex color 835B8E.




This preview shows how white text looks on a background with the Hex color 835B8E.

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
7E626A

Trichromacy



Original Color
835B8E

Protanomaly
696394

Deuteranomaly
6E638C

Tritanomaly
805F77

Monochromacy



Original Color
835B8E

Achromatopsia
6D6D6D

Achromatomaly
756679

CSS Examples

Text

The CSS property to change the color of the text to Hex 835B8E 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 #835B8E looks like.

```
.text, #text, p{  
    color:#835B8E  
}
```

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 #835B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835B8E
}
```

Border

The CSS property to change the border of an element to Hex 835B8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

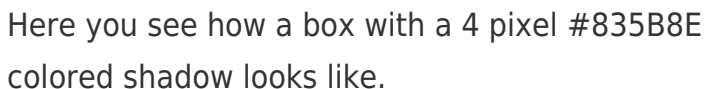
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835B8E }
```

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

```
.border{ border-color:#835B8E }
```

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



Here you see how a box with a 4 pixel #835B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835B8E; -webkit-box-shadow:4px 4px  
4px 4px #835B8E; box-shadow:4px 4px 4px  
4px #835B8E }
```

Background

The CSS property to change the background color of an element to Hex 835B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835B8E }
```

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

```
.background{ background-color:#835B8E }
```

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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