

Converting Colors

Hex(830E6A)

Have a look what the booklet for
Hex(830E6A) contains.

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Color

Hex(830E6A)

Conversions

Conversions Part 1

Format	Color
Hex	830E6A
RGB	131, 14, 106
RGB Percent	51%, 5%, 42%
CMY	0.4863, 0.9451, 0.5843
CMYK	0.00, 0.89, 0.19, 0.49
HSL	313°, 81%, 28%
HSV	313°, 89%, 51%
XYZ	12.1186, 6.1800, 14.1898
YIQ	59.4710, 40.2000, 53.4160

Conversions

Conversions Part 2

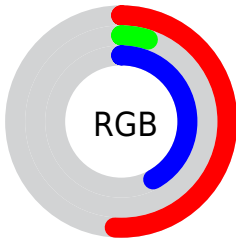
Format	Color
R_{YB}	131, 14, 106
Decimal	8588906
CIE _{Lab}	29.86, 53.98, -22.33
CIE _{LCh}	30, 58.411, 337.528
Yxy	6.1800, 0.3730, 0.1902
Android (android.graphics.Color)	4286778986 (0xFF830E6A)
YUV	59.4710, 22.9388, 62.7309
Hunter-Lab	24.8596, 43.5116, -16.4410

Details

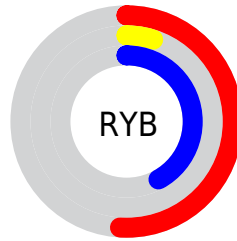
The Hex color **830E6A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0E8327**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BB4D9E**, and **4D003A** is the 20% darker color. If you saturate the color by 10%, you get **830167**, and if you desaturate by 10%, it is **831B6D**.

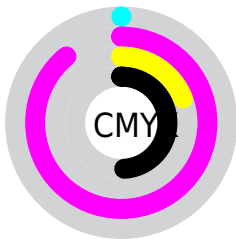
Distribution



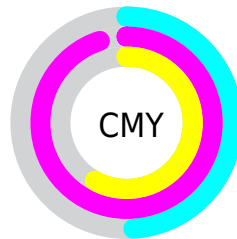
- Red (51%)
- Green (5%)
- Blue (42%)



- Red (51%)
- Yellow (5%)
- Blue (42%)



- Cyan (0%)
- Magenta (89%)
- Yellow (19%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830E6A 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 830E6A by changing the saturation by 10% instead.

 830E6A

 830E6A

FFFFFF

 680052

 BB4D9E

 4D003A

 D868B9

 360025

 F683D4

 13000C

 FF9FF1

 000000

 FFBBFF

 FFD7FF

 FFF5FF

 830E6A

 830E6A

■ 830167

■ 831B6D

■ 830067

■ 832870

■ 833572

■ 834275

■ 835078

■ 835D7B

■ 836A7E

■ 837780

■ 838483

Harmonies

Analogous

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



52338F



830E6A



93003D

Triad

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



830E6A



4D4800



00597D

Complementary

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



830E6A



0E8327

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.



005951



830E6A



165200

Square

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



830E6A



723600



005721



00549B

Rectangle

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



830E6A



900820



005721



00596F

Sweetspot

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



830E6A



AB7DA1



250E83



573B51



D6D6D6



575757

Same Dimension

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



830E6A



AB0086



830E31



423C41



820066



030002

Inverse Universe

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



830E6A



AB0086



0E8360



423C41



820066



030002

Previews

White Background



This preview shows how the Hex color 830E6A looks on a white background.

Color Contrast Check

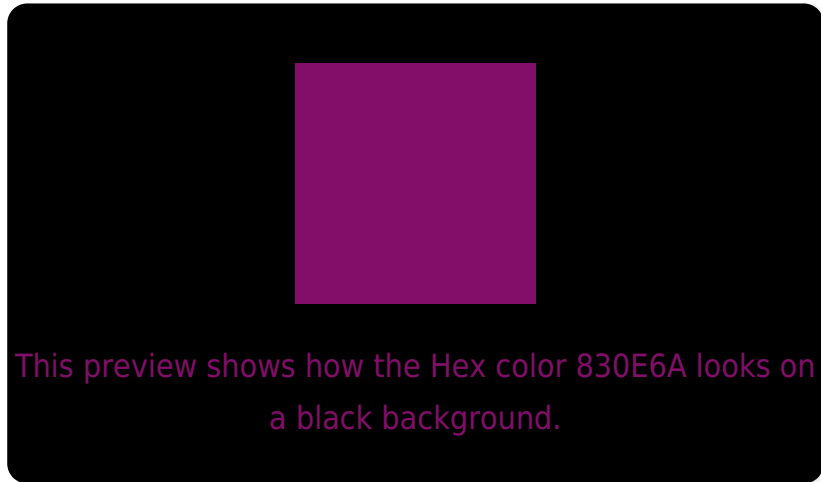
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

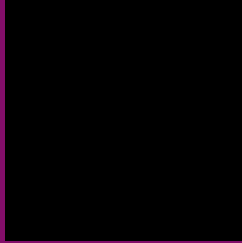
Any Text WCAG AA × Fail

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 830E6A Background



This preview shows how black text looks on a background with the Hex color 830E6A.

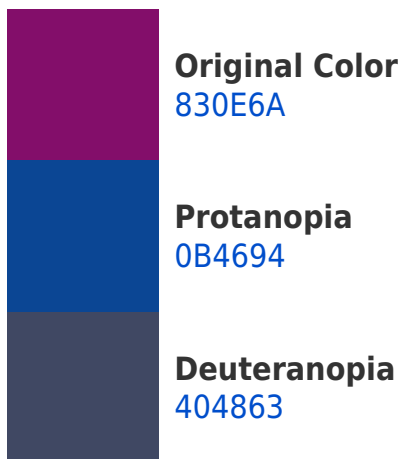


This preview shows how white text looks on a background with the Hex color 830E6A.

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
7E2B2E

Trichromacy



Original Color
830E6A

Protanomaly
373285

Deuteranomaly
583366

Tritanomaly
802044

Monochromacy



Original Color
830E6A

Achromatopsia
3B3B3B

Achromatomaly
552B4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 830E6A 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 #830E6A looks like.

```
.text, #text, p{  
  color:#830E6A  
}
```

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 #830E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830E6A
}
```

Border

The CSS property to change the border of an element to Hex 830E6A is called "border". The border property can be set on classes, ids or directly on the HTML element.

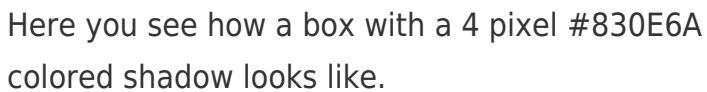
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830E6A }
```

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

```
.border{ border-color:#830E6A }
```

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



Here you see how a box with a 4 pixel #830E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830E6A; -webkit-box-shadow:4px 4px  
4px 4px #830E6A; box-shadow:4px 4px 4px  
4px #830E6A }
```

Background

The CSS property to change the background color of an element to Hex 830E6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830E6A }
```

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

```
.background{ background-color:#830E6A }
```

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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