

Converting Colors

Hex(830D6D)

Have a look what the booklet for
Hex(830D6D) contains.

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Color

Hex(830D6D)

Conversions

Conversions Part 1

Format	Color
Hex	830D6D
RGB	131, 13, 109
RGB Percent	51%, 5%, 43%
CMY	0.4863, 0.9490, 0.5725
CMYK	0.00, 0.90, 0.17, 0.49
HSL	311°, 82%, 28%
HSV	311°, 90%, 51%
XYZ	12.2643, 6.2173, 15.0216
YIQ	59.2260, 39.5120, 54.8720

Conversions

Conversions Part 2

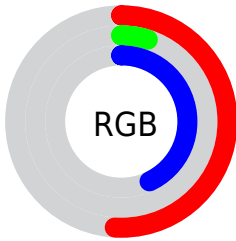
Format	Color
R_{YB}	131, 13, 109
Decimal	8588653
CIE _{Lab}	29.95, 54.58, -24.11
CIE _{LCh}	30, 59.671, 336.166
Yxy	6.2173, 0.3661, 0.1856
Android (android.graphics.Color)	4286778733 (0xFF830D6D)
YUV	59.2260, 24.5386, 62.9458
Hunter-Lab	24.9345, 44.1621, -18.2649

Details

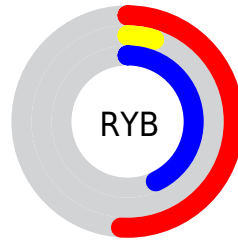
The Hex color **830D6D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0D8323**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **BB4CA1**, and **4D003D** is the 20% darker color. If you saturate the color by 10%, you get **83006B**, and if you desaturate by 10%, it is **831A6F**.

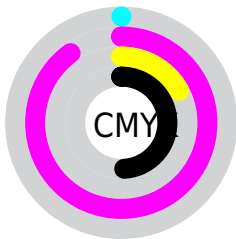
Distribution



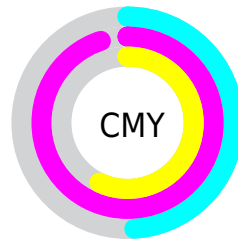
- Red (51%)
- Green (5%)
- Blue (43%)



- Red (51%)
- Yellow (5%)
- Blue (43%)



- Cyan (0%)
- Magenta (90%)
- Yellow (17%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830D6D 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 830D6D by changing the saturation by 10% instead.

 830D6D

 830D6D

FFFFFF

 680054

 BB4CA1

 4D003D

 D868BC

 360027

 F683D8

 130010

 FF9EF4

 000000

 FFBBFF

 FFD7FF

 FFF5FF

 830D6D

 830D6D

■ 83006B

■ 831A6F

■ 832772

■ 833474

■ 834177

■ 834E79

■ 835C7C

■ 83697E

■ 837681

■ 838383

Harmonies

Analogous

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



4E3493



830D6D



95003F

Triad

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



830D6D



4F4800



00597D

Complementary

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



830D6D



0D8323

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.



00594F



830D6D



195200

Square

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



830D6D



743500



00571E



00559C

Rectangle

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



830D6D



920021



00571E



00596F

Sweetspot

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



830D6D



AB7DA2



230D83



573B52



D6D6D6



575757

Same Dimension

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



830D6D



AB008B



830D32



423C41



82006A



030002

Inverse Universe

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



830D6D



AB008B



0D835E



423C41



82006A



030002

Previews

White Background



This preview shows how the Hex color 830D6D looks on a white background.

Color Contrast Check

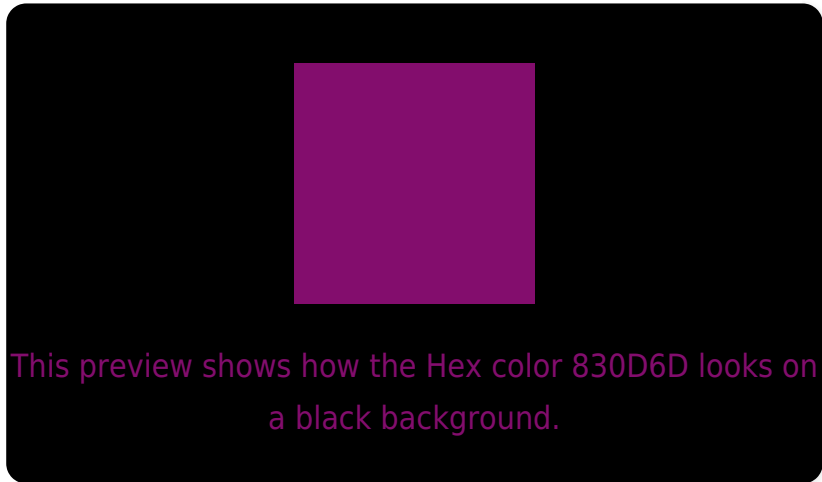
Large Text (above 18pt) WCAG AA ✓ Pass

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

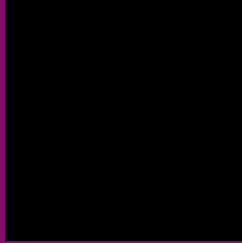
Any Text WCAG AA × Fail

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 830D6D Background



This preview shows how black text looks on a background with the Hex color 830D6D.



This preview shows how white text looks on a background with the Hex color 830D6D.

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



Trichromacy



Original Color
830D6D

Deuteranomaly
573369

Tritanomaly
802146

Monochromacy



Original Color
830D6D

Achromatopsia
3B3B3B

Achromatomaly
552A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 830D6D 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 #830D6D looks like.

```
.text, #text, p{  
    color:#830D6D  
}
```

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 #830D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830D6D
}
```

Border

The CSS property to change the border of an element to Hex 830D6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

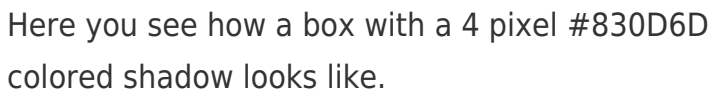
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830D6D }
```

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

```
.border{ border-color:#830D6D }
```

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



Here you see how a box with a 4 pixel #830D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830D6D; -webkit-box-shadow:4px 4px  
4px 4px #830D6D; box-shadow:4px 4px 4px  
4px #830D6D }
```

Background

The CSS property to change the background color of an element to Hex 830D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830D6D }
```

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

```
.background{ background-color:#830D6D }
```

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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