

Converting Colors

Hex(830169)

Have a look what the booklet for
Hex(830169) contains.

Hex(830169)	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(830169)

Conversions

Conversions Part 1

Format	Color
Hex	830169
RGB	131, 1, 105
RGB Percent	51%, 0%, 41%
CMY	0.4863, 0.9961, 0.5882
CMYK	0.00, 0.99, 0.20, 0.49
HSL	312°, 98%, 26%
HSV	312°, 99%, 51%
XYZ	11.9207, 5.8669, 13.8687
YIQ	51.7260, 44.0960, 59.9040

Conversions

Conversions Part 2

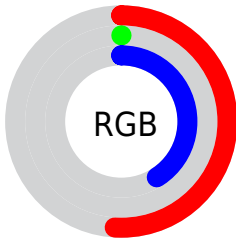
Format	Color
R_{YB}	131, 1, 105
Decimal	8585577
CIE _{Lab}	29.07, 55.99, -22.91
CIE _{LCh}	29, 60.501, 337.744
Yxy	5.8669, 0.3766, 0.1853
Android (android.graphics.Color)	4286775657 (0xFF830169)
YUV	51.7260, 26.2641, 69.5233
Hunter-Lab	24.2217, 45.4608, -16.9927

Details

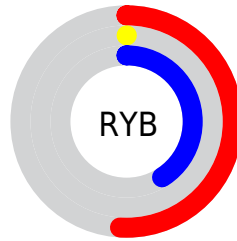
The Hex color **830169** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **01831B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **BC489D**, and **4D0039** is the 20% darker color. If you saturate the color by 10%, you get **830069**, and if you desaturate by 10%, it is **830E6C**.

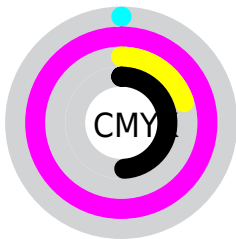
Distribution



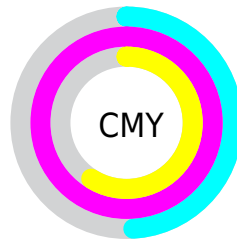
- Red (51%)
- Green (0%)
- Blue (41%)



- Red (51%)
- Yellow (0%)
- Blue (41%)



- Cyan (0%)
- Magenta (99%)
- Yellow (20%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830169 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 830169 by changing the saturation by 10% instead.

 830169

 830169

FFFFFF

 680051


 BC489D

 4D0039

 D963B8

 350024

 F67FD3

 11000A

 FF9AF0

 000000

 FFB7FF

 FFD3FF

 FFF0FF

 830169

 830169

■ 830069

■ 830E6C

■ 831B6E

■ 832871

■ 833573

■ 834276

■ 835079

■ 835D7B

■ 836A7E

■ 837781

Harmonies

Analogous

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



503090



830169



93003B

Triad

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



830169



4A4700



00577D

Complementary

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



830169



01831B

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.



005750



830169



0F5100

Square

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



830169



703400



00551E



00539C

Rectangle

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



830169



8F001D



00551E



00576F

Sweetspot

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



830169



AB78A1



1B0183



573750



D6D6D6



575757

Same Dimension

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



830169



AB0089



830128



423C41



820068



030002

Inverse Universe

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



830169



AB0089



01835C



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 830169 looks on a white background.

Color Contrast Check

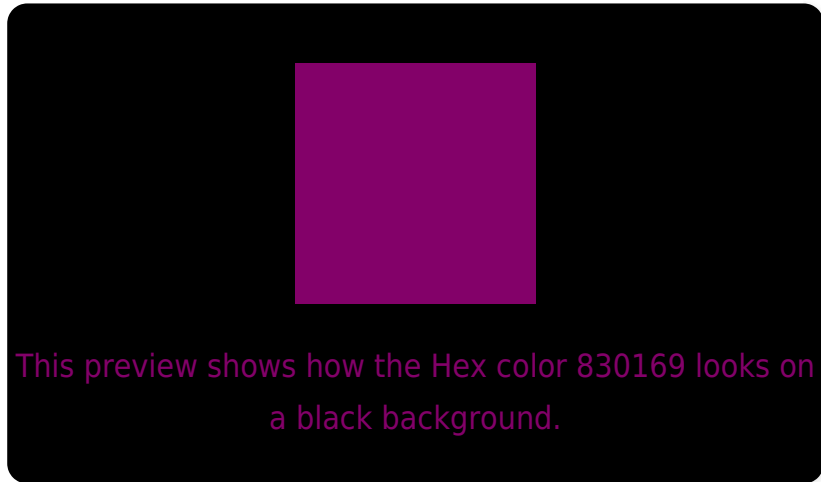
Large Text (above 18pt) WCAG AA ✓ Pass

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

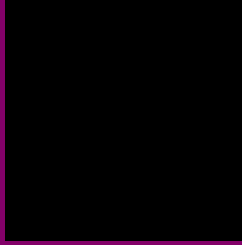
Any Text WCAG AA × Fail

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 830169 Background



This preview shows how black text looks on a background with the Hex color 830169.



This preview shows how white text looks on a background with the Hex color 830169.

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
830169

Protanopia
004593

Deuteranopia
3F4762



Tritanopia
7E292C

Trichromacy



Original Color
830169



Protanomaly
302C84



Deuteranomaly
582E65



Tritanomaly
801A42

Monochromacy



Original Color
830169



Achromatopsia
343434



Achromatomaly
512147

CSS Examples

Text

The CSS property to change the color of the text to Hex 830169 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 #830169 looks like.

```
.text, #text, p{  
    color:#830169  
}
```

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 #830169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830169
}
```

Border

The CSS property to change the border of an element to Hex 830169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

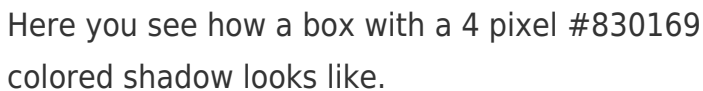
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830169 }
```

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

```
.border{ border-color:#830169 }
```

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



Here you see how a box with a 4 pixel #830169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830169; -webkit-box-shadow:4px 4px  
4px 4px #830169; box-shadow:4px 4px 4px  
4px #830169 }
```

Background

The CSS property to change the background color of an element to Hex 830169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830169 }
```

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

```
.background{ background-color:#830169 }
```

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