

Converting Colors

Hex(830B64)

Have a look what the booklet for
Hex(830B64) contains.

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Color

Hex(830B64)

Conversions

Conversions Part 1

Format	Color
Hex	830B64
RGB	131, 11, 100
RGB Percent	51%, 4%, 39%
CMY	0.4863, 0.9569, 0.6078
CMYK	0.00, 0.92, 0.24, 0.49
HSL	316°, 85%, 28%
HSV	316°, 92%, 51%
XYZ	11.7800, 5.9847, 12.5909
YIQ	57.0260, 42.9510, 53.1190

Conversions

Conversions Part 2

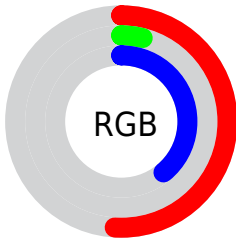
Format	Color
R_{YB}	131, 11, 100
Decimal	8588132
CIE Lab	29.37, 53.71, -19.21
CIE LCh	29, 57.044, 340.324
Yxy	5.9847, 0.3881, 0.1972
Android (android.graphics.Color)	4286778212 (0xFF830B64)
YUV	57.0260, 21.1862, 64.8752
Hunter-Lab	24.4637, 43.1414, -13.3905

Details

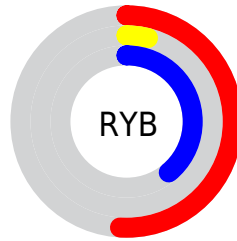
The Hex color **830B64** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0B832A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **BB4B97**, and **4D0035** is the 20% darker color. If you saturate the color by 10%, you get **830061**, and if you desaturate by 10%, it is **831867**.

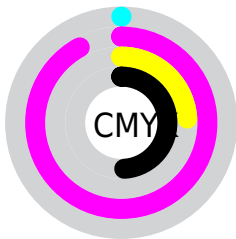
Distribution



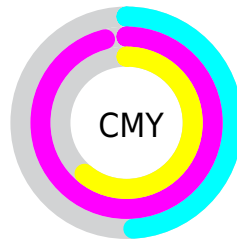
- Red (51%)
- Green (4%)
- Blue (39%)



- Red (51%)
- Yellow (4%)
- Blue (39%)



- Cyan (0%)
- Magenta (92%)
- Yellow (24%)
- Black (49%)



- Cyan (49%)
- Magenta (96%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830B64 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 830B64 by changing the saturation by 10% instead.



830B64



830B64

FFFFFF



68004C



BB4B97



4D0035



D966B2



350020



F681CD



120003



FF9DEA



000000



FFB9FF



FFD6FF



FFF3FF



830B64



830B64

■ 830061

■ 831867

■ 83256B

■ 83326E

■ 833F72

■ 834D75

■ 835A78

■ 83677C

■ 83747F

■ 838182

Harmonies

Analogous

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



57308A



830B64



900038

Triad

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



830B64



484800



00577E

Complementary

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



830B64



0B832A

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.



005754



830B64



0D5100

Square

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



830B64



6D3800



005625



005299

Rectangle

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



830B64



8C0F1C



005625



005771

Sweetspot

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



830B64



AB7D9F



290B83



573B50



D6D6D6



575757

Same Dimension

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



830B64



AB007F



830B29



423C41



820060



030002

Inverse Universe

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



830B64



AB007F



0B8365



423C41



820060



030002

Previews

White Background



This preview shows how the Hex color 830B64 looks on a white background.

Color Contrast Check

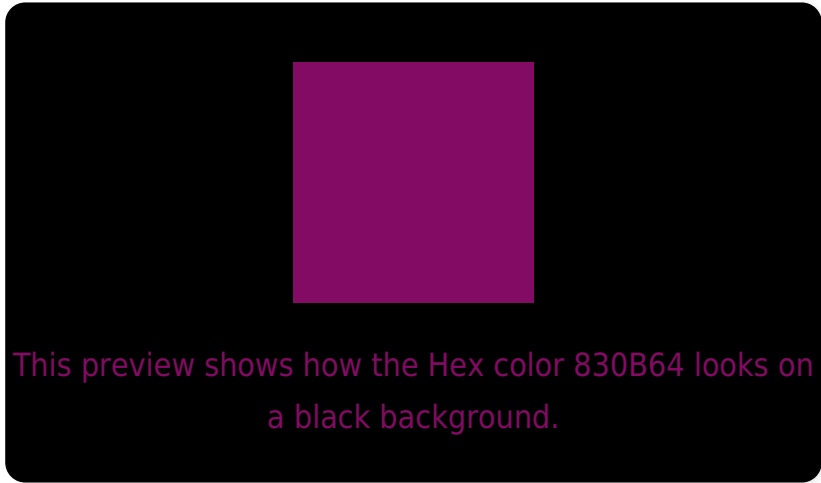
Large Text (above 18pt) WCAG AA ✓ Pass

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

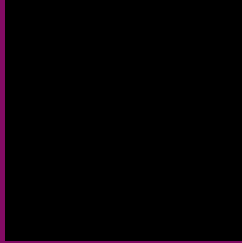
Any Text WCAG AA × Fail

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 830B64 Background



This preview shows how black text looks on a background with the Hex color 830B64.




This preview shows how white text looks on a background with the Hex color 830B64.

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
7F282A

Trichromacy



Original Color
830B64

Protanomaly
41307E

Deuteranomaly
5A3160

Tritanomaly
801D3F

Monochromacy



Original Color
830B64

Achromatopsia
393939

Achromatomaly
542849

CSS Examples

Text

The CSS property to change the color of the text to Hex 830B64 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 #830B64 looks like.

```
.text, #text, p{  
    color:#830B64  
}
```

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 #830B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830B64
}
```

Border

The CSS property to change the border of an element to Hex 830B64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

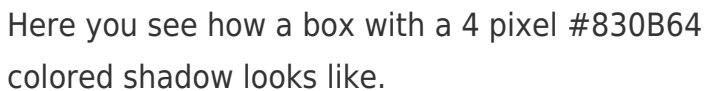
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830B64 }
```

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

```
.border{ border-color:#830B64 }
```

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



Here you see how a box with a 4 pixel #830B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830B64; -webkit-box-shadow:4px 4px  
4px 4px #830B64; box-shadow:4px 4px 4px  
4px #830B64 }
```

Background

The CSS property to change the background color of an element to Hex 830B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830B64 }
```

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

```
.background{ background-color:#830B64 }
```

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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