

Converting Colors

Hex(830018)

Have a look what the booklet for
Hex(830018) contains.

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Color

Hex(830018)

Conversions

Conversions Part 1

Format	Color
Hex	830018
RGB	131, 0, 24
RGB Percent	51%, 0%, 9%
CMY	0.4863, 1.0000, 0.9059
CMYK	0.00, 1.00, 0.82, 0.49
HSL	349°, 100%, 26%
HSV	349°, 100%, 51%
XYZ	9.5249, 4.8912, 1.3062
YIQ	41.9050, 70.3720, 35.2360

Conversions

Conversions Part 2

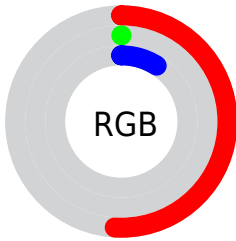
Format	Color
RYB	131, 0, 24
Decimal	8585240
CIELab	26.42, 49.39, 27.36
CIElCh	26, 56.459, 28.984
Yxy	4.8912, 0.6058, 0.3111
Android (android.graphics.Color)	4286775320 (0xFF830018)
YUV	41.9050, -8.8272, 78.1363
Hunter-Lab	22.1162, 38.1728, 11.9795

Details

The Hex color **830018** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00836B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **BF4443**, and **490000** is the 20% darker color. If you saturate the color by 10%, you get **830018**, and if you desaturate by 10%, it is **830D23**.

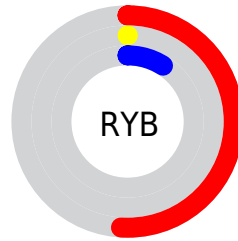
Distribution



Red (51%)

Green (0%)

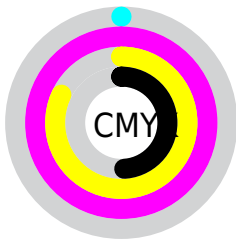
Blue (9%)



Red (51%)

Yellow (0%)

Blue (9%)

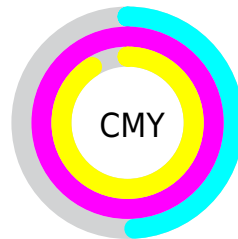


Cyan (0%)

Magenta (100%)

Yellow (82%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830018 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 830018 by changing the saturation by 10% instead.

 830018

 830018

 FFFFFB

 660000

 BF4443

 490000

 DE5F5B

 2E0002

 FD7A73

 000000

 FF958D

 FFB1A7

 FFCDC2

 FFEADE

 830018

 830D23

 831A2D

 832738

 833443

 83424E

 834F58

 835C63

 83696E

 837678

Harmonies

Analogous

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



850042



830018



6F2800

Triad

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



830018



004D0B



004596

Complementary

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



830018



00836B

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.



004D89



830018



004F3C

Square

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



830018



244800



005068



2F338B

Rectangle

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



830018



5B3700



005068



004994

Sweetspot

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



830018



AB7881



6B0083



57373D



D6D6D6



575757

Same Dimension

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



830018



AB001F



832900



423C3D



820018



030000

Inverse Universe

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



830018



AB001F



005A83



423C3D



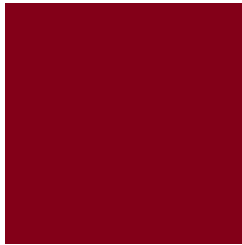
820018



030000

Previews

White Background



This preview shows how the Hex color 830018 looks on a white background.

Color Contrast Check

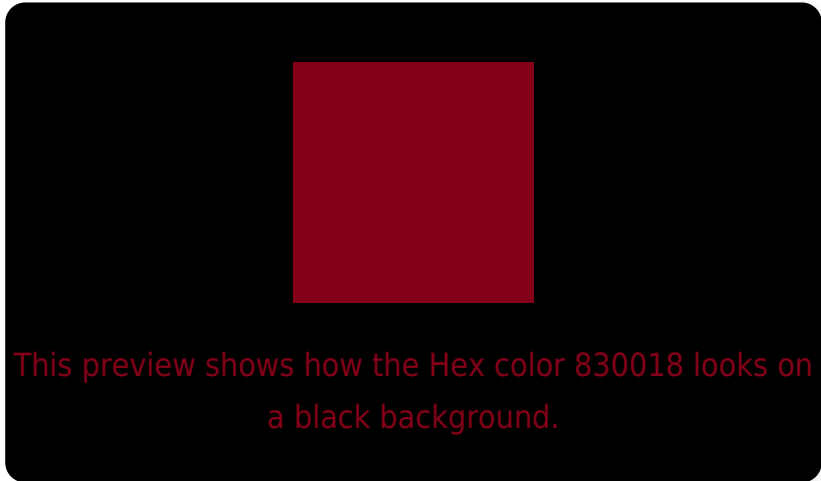
Large Text (above 18pt) WCAG AA ✓ Pass

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 830018 Background



This preview shows how black text looks on a background with the Hex color 830018.



This preview shows how white text looks on a background with the Hex color 830018.

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
830018

Protanopia
494226

Deuteranopia
543F0D



Tritanopia
830C00

Trichromacy



Original Color
830018

Protanomaly
5E2A21

Deuteranomaly
652811

Tritanomaly
830809

Monochromacy



Original Color
830018

Achromatopsia
2A2A2A

Achromatomaly
4A1B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 830018 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 #830018 looks like.

```
.text, #text, p{  
    color:#830018  
}
```

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 #830018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830018
}
```

Border

The CSS property to change the border of an element to Hex 830018 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".

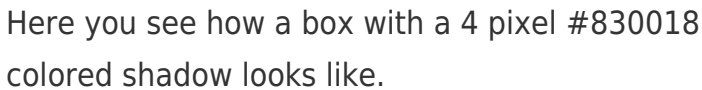
```
.border, #border, table{ border:4px solid
#830018 }
```

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

```
.border{ border-color:#830018 }
```

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

Here you see how a box with a 4 pixel #830018 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830018; -webkit-box-shadow:4px 4px  
4px 4px #830018; box-shadow:4px 4px 4px  
4px #830018 }
```

Background

The CSS property to change the background color of an element to Hex 830018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830018 }
```

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

```
.background{ background-color:#830018 }
```

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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