

Converting Colors

Hex(830004)

Have a look what the booklet for
Hex(830004) contains.

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Color

Hex(830004)

Conversions

Conversions Part 1

Format	Color
Hex	830004
RGB	131, 0, 4
RGB Percent	51%, 0%, 2%
CMY	0.4863, 1.0000, 0.9843
CMYK	0.00, 1.00, 0.97, 0.49
HSL	358°, 100%, 26%
HSV	358°, 100%, 51%
XYZ	9.3820, 4.8341, 0.5534
YIQ	39.6250, 76.7920, 29.0160

Conversions

Conversions Part 2

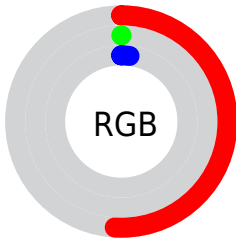
Format	Color
R_{YB}	131, 0, 4
Decimal	8585220
CIE Lab	26.26, 48.94, 37.35
CIE LCh	26, 61.563, 37.356
Yxy	4.8341, 0.6352, 0.3273
Android (android.graphics.Color)	4286775300 (0xFF830004)
YUV	39.6250, -17.5631, 80.1359
Hunter-Lab	21.9865, 37.6924, 13.8981

Details

The Hex color **830004** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00837F**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **C04332**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **830004**, and if you desaturate by 10%, it is **830D11**.

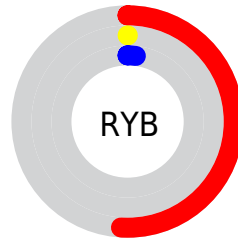
Distribution



Red (51%)

Green (0%)

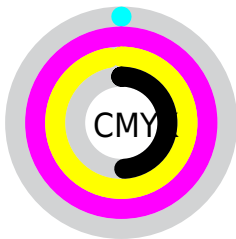
Blue (2%)



Red (51%)

Yellow (0%)

Blue (2%)

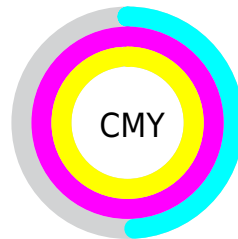


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830004 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 830004 by changing the saturation by 10% instead.

 830004

 830004

 FFFFE7

 650000

 C04332

 480000

 DF5E49

 2D0001

 FE7961

 000000

 FF947A

 FFB094

 FFCDAF

 FFE9CA

 830004

 830D11

 831A1D

 83272A

 833437

 834243

 834F50

 835C5D

 83696A

 837676

Harmonies

Analogous

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



8C0035



830004



692D00

Triad

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



830004



004E16



00429D

Complementary

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



830004



00837F

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.



004D96



830004



005049

Square

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



830004



024A00



005077



472A8A

Rectangle

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



830004



513B00



005077



00469E

Sweetspot

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



830004



AB7879



7F0083



573738



D6D6D6



575757

Same Dimension

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



830004



AB0005



833D00



423C3C



820004



030000

Inverse Universe

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



830004



AB0005



004683



423C3C



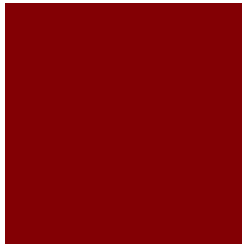
820004



030000

Previews

White Background



This preview shows how the Hex color #830004 looks on a white background.

Color Contrast Check

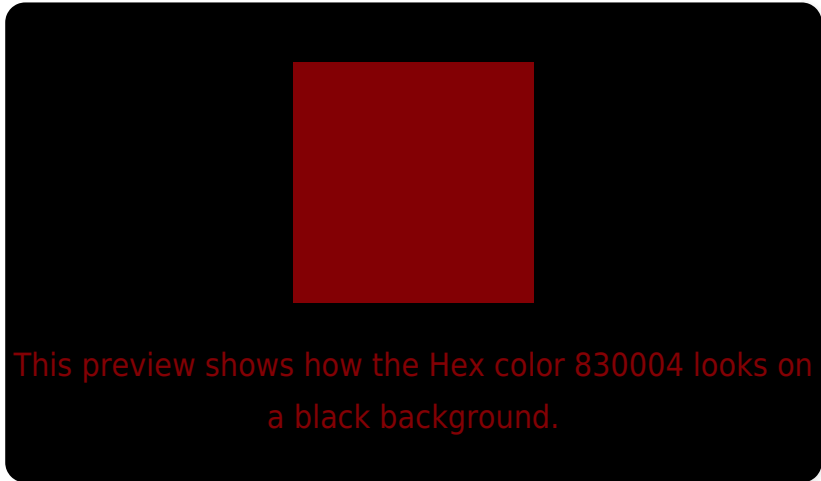
Large Text (above 18pt) WCAG AA ✓ Pass

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 830004 Background



This preview shows how black text looks on a background with the Hex color 830004.



This preview shows how white text looks on a background with the Hex color 830004.

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
830004

Protanopia
4A4212

Tritanopia
820C00

Trichromacy

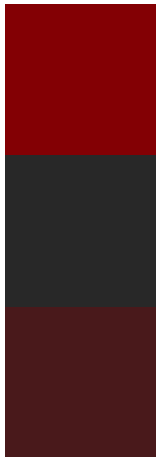


Original Color
830004

Protanomaly
5F2A0D

Tritanomaly
820801

Monochromacy



Original Color
830004

Achromatopsia
282828

Achromatomaly
49191B

CSS Examples

Text

The CSS property to change the color of the text to Hex 830004 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 #830004 looks like.

```
.text, #text, p{  
    color:#830004  
}
```

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 #830004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830004
}
```

Border

The CSS property to change the border of an element to Hex 830004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

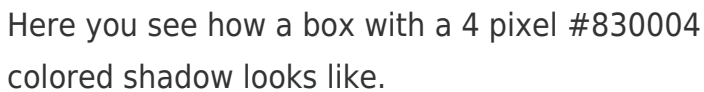
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830004 }
```

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

```
.border{ border-color:#830004 }
```

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



Here you see how a box with a 4 pixel #830004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830004; -webkit-box-shadow:4px 4px  
4px 4px #830004; box-shadow:4px 4px 4px  
4px #830004 }
```

Background

The CSS property to change the background color of an element to Hex 830004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830004 }
```

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

```
.background{ background-color:#830004 }
```

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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