

Converting Colors

Hex(830010)

Have a look what the booklet for
Hex(830010) contains.

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Color

Hex(830010)

Conversions

Conversions Part 1

Format	Color
Hex	830010
RGB	131, 0, 16
RGB Percent	51%, 0%, 6%
CMY	0.4863, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.88, 0.49
HSL	353°, 100%, 26%
HSV	353°, 100%, 51%
XYZ	9.4536, 4.8627, 0.9305
YIQ	40.9930, 72.9400, 32.7480

Conversions

Conversions Part 2

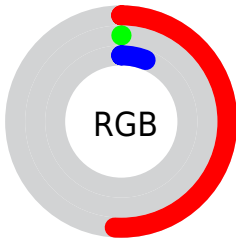
Format	Color
RYB	131, 0, 16
Decimal	8585232
CIELab	26.34, 49.16, 32.10
CIElCh	26, 58.717, 33.145
Yxy	4.8627, 0.6200, 0.3189
Android (android.graphics.Color)	4286775312 (0xFF830010)
YUV	40.9930, -12.3215, 78.9361
Hunter-Lab	22.0515, 37.9336, 12.9341

Details

The Hex color **830010** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **008373**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **BF433B**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **830010**, and if you desaturate by 10%, it is **830D1C**.

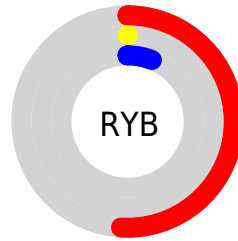
Distribution



Red (51%)

Green (0%)

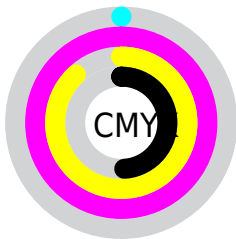
Blue (6%)



Red (51%)

Yellow (0%)

Blue (6%)

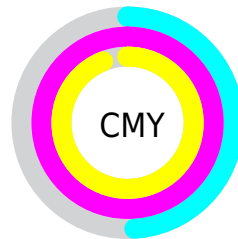


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 830010 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 830010 by changing the saturation by 10% instead.

 830010

 830010

 FFFFF1

 660000

 BF433B

 480000

 DE5E52

 2D0001

 FD796B

 000000

 FF9584

 FFB09E

 FFCDB9

 FFEAD5

 830010

■ 830D1C

■ 831A27

■ 832733

■ 83343E

■ 83424A

■ 834F55

■ 835C61

■ 83696C

■ 837677

Harmonies

Analogous

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



88003C



830010



6C2B00

Triad

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



830010



004E11



00439A

Complementary

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



830010



008373

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.



004D8F



830010



005042

Square

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



830010



184900



00506F



3C2F8B

Rectangle

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



830010



563900



00506F



004899

Sweetspot

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



830010



AB787E



720083



57373B



D6D6D6



575757

Same Dimension

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



830010



AB0015



833000



423C3C



820010



030000

Inverse Universe

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



830010



AB0015



005383



423C3C



820010



030000

Previews

White Background



This preview shows how the Hex color 830010 looks on a white background.

Color Contrast Check

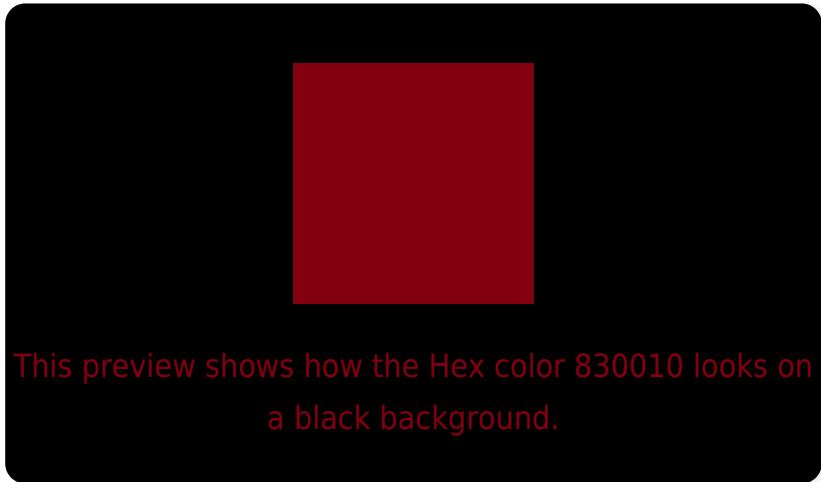
Large Text (above 18pt) WCAG AA ✓ Pass

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 830010 Background



This preview shows how black text looks on a background with the Hex color 830010.



This preview shows how white text looks on a background with the Hex color 830010.

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
830010

Protanopia
4A421C

Deuteranopia
543F00



Tritanopia
820C00

Trichromacy



Original Color
830010

Protanomaly
5F2A18

Deuteranomaly
652806

Tritanomaly
820806

Monochromacy



Original Color
830010

Achromatopsia
292929

Achromatomaly
4A1A20

CSS Examples

Text

The CSS property to change the color of the text to Hex 830010 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 #830010 looks like.

```
.text, #text, p{  
    color:#830010  
}
```

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 #830010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #830010
}
```

Border

The CSS property to change the border of an element to Hex 830010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

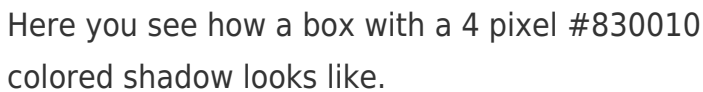
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#830010 }
```

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

```
.border{ border-color:#830010 }
```

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



Here you see how a box with a 4 pixel #830010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #830010; -webkit-box-shadow:4px 4px  
4px 4px #830010; box-shadow:4px 4px 4px  
4px #830010 }
```

Background

The CSS property to change the background color of an element to Hex 830010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#830010 }
```

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

```
.background{ background-color:#830010 }
```

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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