

Converting Colors

Hex(810C03)

Have a look what the booklet for
Hex(810C03) contains.

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Color

Hex(810C03)

Conversions

Conversions Part 1

Format	Color
Hex	810C03
RGB	129, 12, 3
RGB Percent	51%, 5%, 1%
CMY	0.4941, 0.9529, 0.9882
CMYK	0.00, 0.91, 0.98, 0.49
HSL	4°, 95%, 26%
HSV	4°, 98%, 51%
XYZ	9.2012, 4.9366, 0.5541
YIQ	45.9570, 72.6210, 22.0050

Conversions

Conversions Part 2

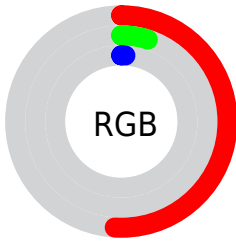
Format	Color
R_{YB}	129, 13, 3
Decimal	8457219
CIE _{Lab}	26.55, 46.16, 37.86
CIE _{LCh}	27, 59.700, 39.355
Yxy	4.9366, 0.6263, 0.3360
Android (android.graphics.Color)	4286647299 (0xFF810C03)
YUV	45.9570, -21.1778, 72.8287
Hunter-Lab	22.2186, 35.0381, 14.0745

Details

The Hex color **810C03** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **037881**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **BD4831**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **810900**, and if you desaturate by 10%, it is **811810**.

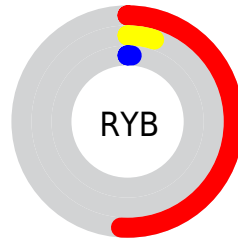
Distribution



Red (51%)

Green (5%)

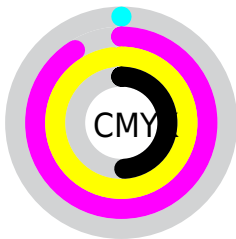
Blue (1%)



Red (51%)

Yellow (5%)

Blue (1%)

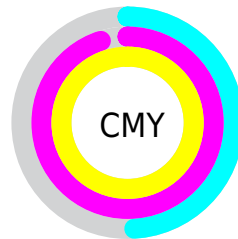


Cyan (0%)

Magenta (91%)

Yellow (98%)

Black (49%)



Cyan (49%)

Magenta (95%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 810C03 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 810C03 by changing the saturation by 10% instead.

 810C03

 810C03

 FFFFE6

 630000

 BD4831

 460000

 DC6248

 2C0001

 FC7D60

 000000

 FF987A

 FFB494

 FFD0AE

 FFEDCA

 810C03

 810C03

■ 810900

■ 811810

■ 81241D

■ 81302A

■ 813C37

■ 814844

■ 815450

■ 81605D

■ 816C6A

■ 817877

Harmonies

Analogous

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



8B0033



810C03



673000

Triad

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



810C03



004F1C



00419B

Complementary

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



810C03



037881

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.



004D95



810C03



00514C

Square

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



810C03



004B00



005178



4D2986

Rectangle

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



810C03



4F3D00



005178



00469C

Sweetspot

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



810C03



A87B77



810379



543937



D4D4D4



545454

Same Dimension

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



810C03



A80C00



814A03



403A39



800900



000000

Inverse Universe

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



037881



009CA8



033A81



393F40



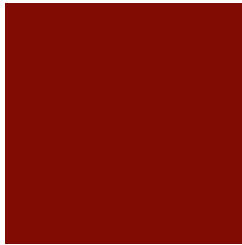
007680



000000

Previews

White Background



This preview shows how the Hex color 810C03 looks on a white background.

Color Contrast Check

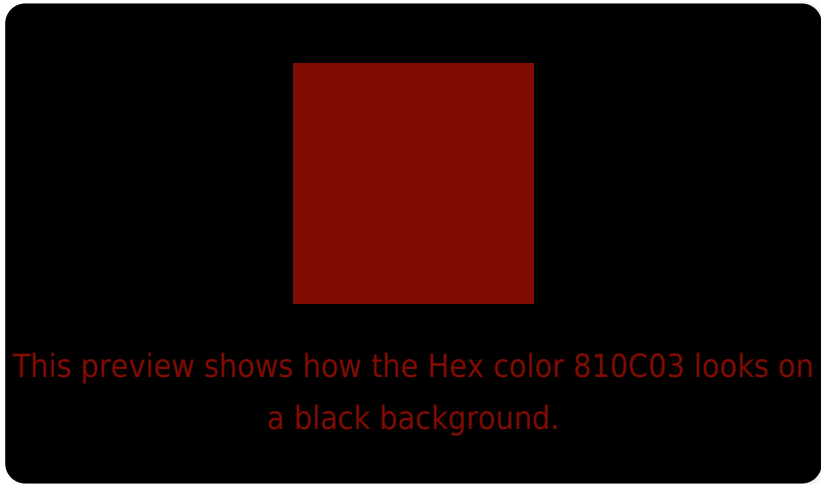
Large Text (above 18pt) WCAG AA ✓ Pass

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 810C03 Background



This preview shows how black text looks on a background with the Hex color 810C03.



This preview shows how white text looks on a background with the Hex color 810C03.

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
810C03

Protanopia
4A211

Deuteranopia
533E00



Tritanopia
810C05

Trichromacy



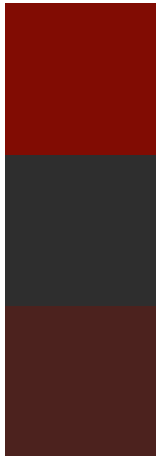
Original Color
810C03

Protanomaly
5E2E0C

Deuteranomaly
642C01

Tritanomaly
810C04

Monochromacy



Original Color
810C03

Achromatopsia
2E2E2E

Achromatomaly
4C221E

CSS Examples

Text

The CSS property to change the color of the text to Hex 810C03 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 #810C03 looks like.

```
.text, #text, p{  
    color:#810C03  
}
```

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 #810C03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #810C03 }  
}
```

Border

The CSS property to change the border of an element to Hex 810C03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

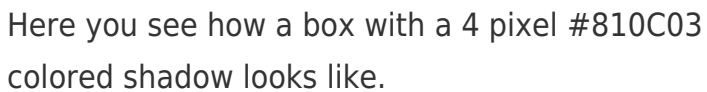
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #810C03 }  
}
```

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

```
.border{ border-color:#810C03 }
```

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



Here you see how a box with a 4 pixel #810C03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #810C03; -webkit-box-shadow:4px 4px  
4px 4px #810C03; box-shadow:4px 4px 4px  
4px #810C03 }
```

Background

The CSS property to change the background color of an element to Hex 810C03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#810C03 }
```

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

```
.background{ background-color:#810C03 }
```

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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