

Converting Colors

Hex(84103C)

Have a look what the booklet for
Hex(84103C) contains.

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Color

Hex(84103C)

Conversions

Conversions Part 1

Format	Color
Hex	84103C
RGB	132, 16, 60
RGB Percent	52%, 6%, 24%
CMY	0.4824, 0.9373, 0.7647
CMYK	0.00, 0.88, 0.55, 0.48
HSL	337°, 78%, 29%
HSV	337°, 88%, 52%
XYZ	10.5166, 5.6024, 4.8020
YIQ	55.7000, 55.0120, 38.2760

Conversions

Conversions Part 2

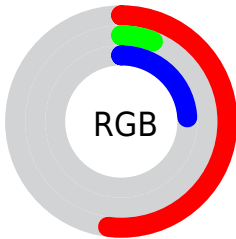
Format	Color
R_{YB}	132, 16, 60
Decimal	8654908
CIE Lab	28.39, 48.72, 5.87
CIE LCh	28, 49.071, 6.866
Yxy	5.6024, 0.5027, 0.2678
Android (android.graphics.Color)	4286844988 (0xFF84103C)
YUV	55.7000, 2.1199, 66.9151
Hunter-Lab	23.6693, 37.8889, 4.5397

Details

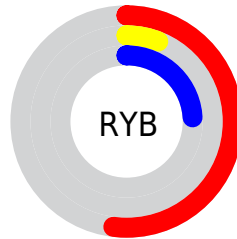
The Hex color **84103C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **108458**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **BE4C6B**, and **4C0012** is the 20% darker color. If you saturate the color by 10%, you get **840334**, and if you desaturate by 10%, it is **841D44**.

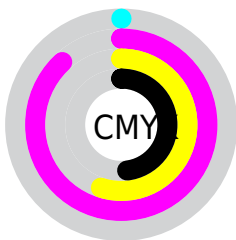
Distribution



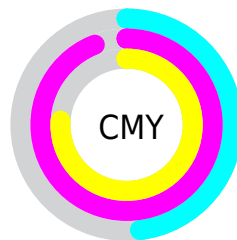
- Red (52%)
- Green (6%)
- Blue (24%)



- Red (52%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (55%)
- Black (48%)



- Cyan (48%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84103C 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 84103C by changing the saturation by 10% instead.

 84103C

 84103C

FFFFFF

 680027

 BE4C6B

 4C0012

 DB6684

 330002

 FA819E

 000000

 FF9DB9

 FFB9D5

 FFD5F1

 FFF2FF

 84103C

 84103C

■ 840334

■ 841D44

■ 840032

■ 842A4C

■ 843855

■ 84455D

■ 845265

■ 845F6D

■ 846C75

■ 847A7E

■ 848786

Harmonies

Analogous

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



761E61



84103C



7E2117

Triad

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



84103C



214D00



004F89

Complementary

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



84103C



108458

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.



005370



84103C



005123

Square

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



84103C



4B4400



00534B



00458F

Rectangle

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



84103C



722F00



00534B



005182

Sweetspot

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



84103C



AB7E8F



581084



573C46



D6D6D6



575757

Same Dimension

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



84103C



AB0041



841E10



423C3E



820031



030001

Inverse Universe

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



84103C



AB0041



107684



423C3E



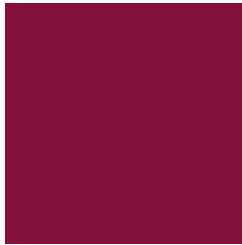
820031



030001

Previews

White Background



This preview shows how the Hex color 84103C looks on a white background.

Color Contrast Check

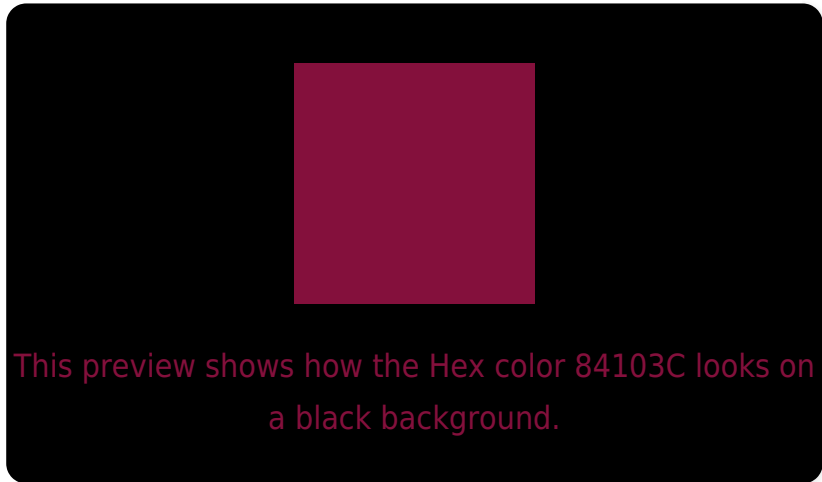
Large Text (above 18pt) WCAG AA ✓ Pass

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 84103C Background



This preview shows how black text looks on a background with the Hex color 84103C.

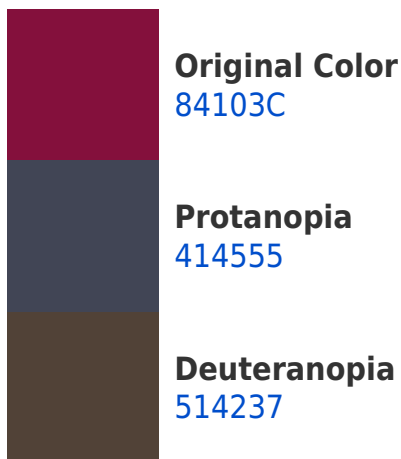


This preview shows how white text looks on a background with the Hex color 84103C.

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
831B1C

Trichromacy



Original Color
84103C

Protanomaly
59324C

Deuteranomaly
643039

Tritanomaly
831728

Monochromacy



Original Color
84103C

Achromatopsia
383838

Achromatomaly
542939

CSS Examples

Text

The CSS property to change the color of the text to Hex 84103C 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 #84103C looks like.

```
.text, #text, p{  
    color:#84103C  
}
```

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 #84103C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84103C
}
```

Border

The CSS property to change the border of an element to Hex 84103C is called "border". The border property can be set on classes, ids or directly on the HTML element.

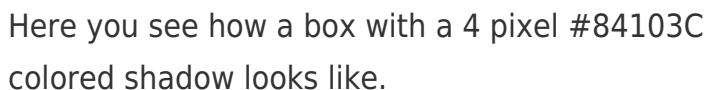
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84103C }
```

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

```
.border{ border-color:#84103C }
```

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



Here you see how a box with a 4 pixel #84103C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84103C; -webkit-box-shadow:4px 4px  
4px 4px #84103C; box-shadow:4px 4px 4px  
4px #84103C }
```

Background

The CSS property to change the background color of an element to Hex 84103C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84103C }
```

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

```
.background{ background-color:#84103C }
```

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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