

Converting Colors

Hex(832240)

Have a look what the booklet for
Hex(832240) contains.

Hex(832240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(832240)

Conversions

Conversions Part 1

Format	Color
Hex	832240
RGB	131, 34, 64
RGB Percent	51%, 13%, 25%
CMY	0.4863, 0.8667, 0.7490
CMYK	0.00, 0.74, 0.51, 0.49
HSL	341°, 59%, 32%
HSV	341°, 74%, 51%
XYZ	10.8575, 6.3395, 5.5019
YIQ	66.4230, 48.1820, 29.8940

Conversions

Conversions Part 2

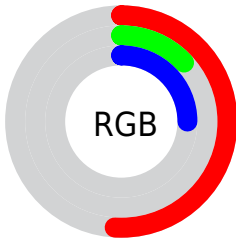
Format	Color
RYB	131, 34, 64
Decimal	8593984
CIELab	30.25, 43.24, 5.81
CIElCh	30, 43.626, 7.649
Yxy	6.3395, 0.4783, 0.2793
Android (android.graphics.Color)	4286784064 (0xFF832240)
YUV	66.4230, -1.1945, 56.6340
Hunter-Lab	25.1784, 32.9112, 4.6691

Details

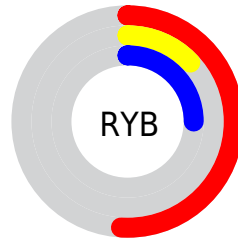
The Hex color **832240** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **228365**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **BC576F**, and **4C0016** is the 20% darker color. If you saturate the color by 10%, you get **831537**, and if you desaturate by 10%, it is **832F49**.

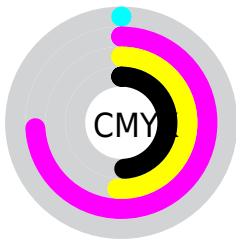
Distribution



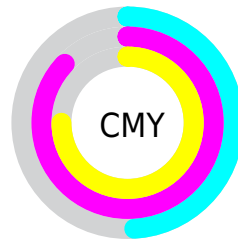
- Red (51%)
- Green (13%)
- Blue (25%)



- Red (51%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (74%)
- Yellow (51%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 832240 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 832240 by changing the saturation by 10% instead.

 832240

 832240

FFFFFF

 67002A

 BC576F

 4C0016

 D97189

 350002

 F78CA3

 030000

 FFA7BE

 000000

 FFC3DA

 FFDFF6

 FFFDFF

 832240

 832240

■ 831537

■ 832F49

■ 83082E

■ 833C52

■ 830029

■ 83495B

■ 835664

■ 83636D

■ 837176

■ 837E7F

■ 838B88

■ 839891

Harmonies

Analogous

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



762962



832240



7E2C1F

Triad

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



832240



2A5108



005286

Complementary

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



832240



228365

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.



005670



832240



00552C

Square

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



832240



4F4900



00574F



00498B

Rectangle

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



832240



72370A



00574F



005480

Sweetspot

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



832240



AB8591



642283



574047



D6D6D6



575757

Same Dimension

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



832240



AB1342



833422



423C3E



820028



030001

Inverse Universe

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



832240



AB1342



227183



423C3E



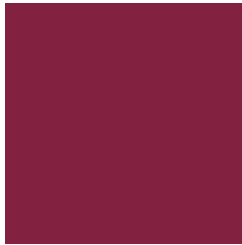
820028



030001

Previews

White Background



This preview shows how the Hex color 832240 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 832240 Background



This preview shows how black text looks on a background with the Hex color 832240.



This preview shows how white text looks on a background with the Hex color 832240.

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
832240

Protanopia
464854

Deuteranopia
54463B



Tritanopia
822729

Trichromacy



Original Color
832240

Protanomaly
5C3A4D

Deuteranomaly
65393D

Tritanomaly
822531

Monochromacy



Original Color
832240

Achromatopsia
424242

Achromatomaly
5A3641

CSS Examples

Text

The CSS property to change the color of the text to Hex 832240 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 #832240 looks like.

```
.text, #text, p{  
    color:#832240  
}
```

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 #832240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #832240
}
```

Border

The CSS property to change the border of an element to Hex 832240 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
#832240 }
```

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

```
.border{ border-color:#832240 }
```

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

Here you see how a box with a 4 pixel #832240 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #832240; -webkit-box-shadow:4px 4px  
4px 4px #832240; box-shadow:4px 4px 4px  
4px #832240 }
```

Background

The CSS property to change the background color of an element to Hex 832240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#832240 }
```

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

```
.background{ background-color:#832240 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor