

Converting Colors

Hex(823339)

Have a look what the booklet for
Hex(823339) contains.

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Color

Hex(823339)

Conversions

Conversions Part 1

Format	Color
Hex	823339
RGB	130, 51, 57
RGB Percent	51%, 20%, 22%
CMY	0.4902, 0.8000, 0.7765
CMYK	0.00, 0.61, 0.56, 0.49
HSL	355°, 44%, 35%
HSV	355°, 61%, 51%
XYZ	11.1283, 7.4089, 4.7144
YIQ	75.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

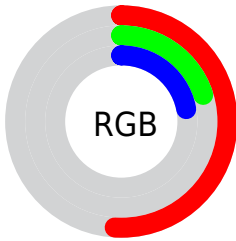
Format	Color
R_{YB}	130, 51, 57
Decimal	8532793
CIE _{Lab}	32.72, 34.60, 13.77
CIE _{LCh}	33, 37.244, 21.700
Yxy	7.4089, 0.4786, 0.3186
Android (android.graphics.Color)	4286722873 (0xFF823339)
YUV	75.3050, -9.0244, 47.9675
Hunter-Lab	27.2193, 25.3438, 8.7844

Details

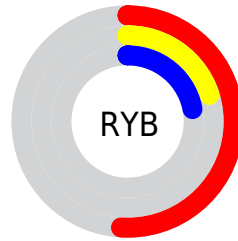
The Hex color **823339** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33827C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BB6568**, and **4C000F** is the 20% darker color. If you saturate the color by 10%, you get **82262D**, and if you desaturate by 10%, it is **824045**.

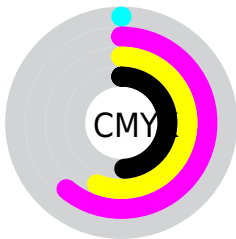
Distribution



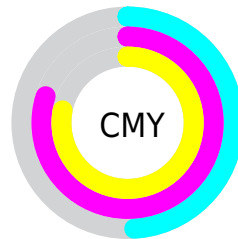
- Red (51%)
- Green (20%)
- Blue (22%)



- Red (51%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 823339 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 823339 by changing the saturation by 10% instead.

 823339

 823339

FFFFFF

 671A24

 BB6568

 4C000F

 D87F81

 330000

 F5999B

 080000

 FFB5B6

 000000

 FFD1D1

 FFEDEE

 823339

 823339

 82262D

 824045

821921

824D51

820C15

825A5D

82000A

826769

827475

828181

828E8D

829B99

82A8A5

Harmonies

Analogous

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



7E3256



823339



783D1F

Triad

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



823339



225827



005387

Complementary

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



823339



33827C

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.



00597B



823339



005B44

Square

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



823339



485211



005B62



3F4984

Rectangle

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



823339



6B4512



005B62



005585

Sweetspot

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



823339



A88A8C



7B3382



544243



D4D4D4



545454

Same Dimension

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



823339



A82D37



825433



40393A



80000A



000000

Inverse Universe

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



823339



A82D37



336182



40393A



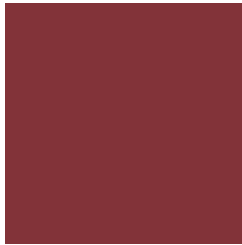
80000A



000000

Previews

White Background



This preview shows how the Hex color 823339 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

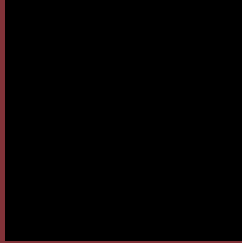
Any Text WCAG AA × Fail

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 823339 Background



This preview shows how black text looks on a background with the Hex color 823339.



This preview shows how white text looks on a background with the Hex color 823339.

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
823339

Protanopia
514E45

Deuteranopia
5D4A35



Tritanopia
823337

Trichromacy



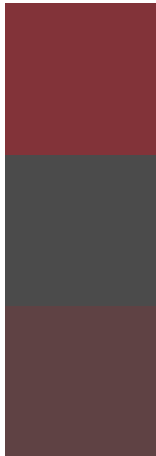
Original Color
823339

Protanomaly
634441

Deuteranomaly
6A4236

Tritanomaly
823338

Monochromacy



Original Color
823339

Achromatopsia
4B4B4B

Achromatomaly
5F4244

CSS Examples

Text

The CSS property to change the color of the text to Hex 823339 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 #823339 looks like.

```
.text, #text, p{  
    color:#823339  
}
```

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 #823339 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #823339
}
```

Border

The CSS property to change the border of an element to Hex 823339 is called "border". The border property can be set on classes, ids or directly on the HTML element.

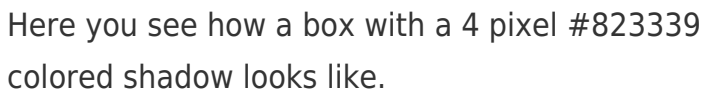
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#823339 }
```

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

```
.border{ border-color:#823339 }
```

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



Here you see how a box with a 4 pixel #823339 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #823339; -webkit-box-shadow:4px 4px  
4px 4px #823339; box-shadow:4px 4px 4px  
4px #823339 }
```

Background

The CSS property to change the background color of an element to Hex 823339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#823339 }
```

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

```
.background{ background-color:#823339 }
```

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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