

Converting Colors

Hex(822323)

Have a look what the booklet for
Hex(822323) contains.

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Color

Hex(822323)

Conversions

Conversions Part 1

Format	Color
Hex	822323
RGB	130, 35, 35
RGB Percent	51%, 14%, 14%
CMY	0.4902, 0.8627, 0.8627
CMYK	0.00, 0.73, 0.73, 0.49
HSL	0°, 58%, 32%
HSV	0°, 73%, 51%
XYZ	10.1103, 6.0692, 2.2287
YIQ	63.4050, 56.6200, 20.1400

Conversions

Conversions Part 2

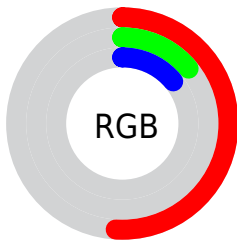
Format	Color
RYB	130, 35, 35
Decimal	8528675
CIELab	29.59, 40.41, 23.89
CIElCh	30, 46.946, 30.587
Yxy	6.0692, 0.5492, 0.3297
Android (android.graphics.Color)	4286718755 (0xFF822323)
YUV	63.4050, -14.0037, 58.4038
Hunter-Lab	24.6358, 30.1421, 11.8813

Details

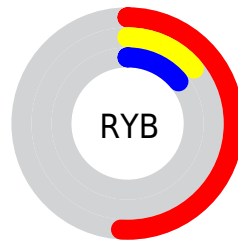
The Hex color **822323** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **238282**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **BC5750**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **821616**, and if you desaturate by 10%, it is **823030**.

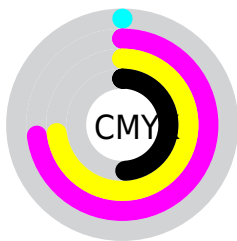
Distribution



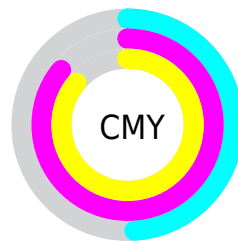
- Red (51%)
- Green (14%)
- Blue (14%)



- Red (51%)
- Yellow (14%)
- Blue (14%)



- Cyan (0%)
- Magenta (73%)
- Yellow (73%)
- Black (49%)



- Cyan (49%)
- Magenta (86%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 822323 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 822323 by changing the saturation by 10% instead.

 822323

 822323

FFFFFF

 66030E

 BC5750

 4A0000

 DA7168

 310002

 F98B81

 000000

 FFA69B

 FFC2B6

 FFDFD1

 FFFCEE

 822323

 822323

■ 821616

■ 823030

■ 820909

■ 823D3D

■ 820000

■ 824A4A

■ 825757

■ 826464

■ 827171

■ 827E7E

■ 828B8B

■ 829898

Harmonies

Analogous

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



841A47



822323



713500

Triad

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



822323



00531F



004A8F

Complementary

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



822323



238282

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.



005285



822323



005645

Square

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



822323



304E00



00556A



433C85

Rectangle

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



822323



5F4000



00556A



004E8E

Sweetspot

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



822323



A88383



822382



543E3E



D4D4D4



545454

Same Dimension

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



822323



A81414



825323



403939



800000



000000

Inverse Universe

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



238282



14A8A8



235382



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 822323 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 822323 Background



This preview shows how black text looks on a background with the Hex color 822323.

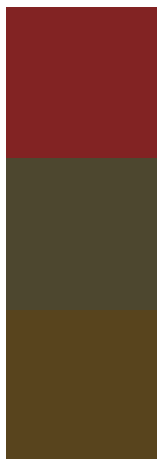


This preview shows how white text looks on a background with the Hex color 822323.

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
822323

Protanopia
4D472F

Deuteranopia
58441D



Tritanopia
822324

Trichromacy



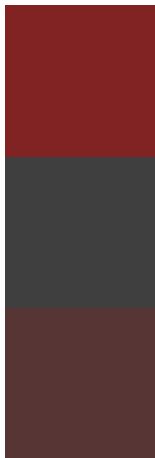
Original Color
822323

Protanomaly
603A2B

Deuteranomaly
67381F

Tritanomaly
822324

Monochromacy



Original Color
822323

Achromatopsia
3F3F3F

Achromatomaly
573535

CSS Examples

Text

The CSS property to change the color of the text to Hex 822323 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 #822323 looks like.

```
.text, #text, p{  
    color:#822323  
}
```

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 #822323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822323
}
```

Border

The CSS property to change the border of an element to Hex 822323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

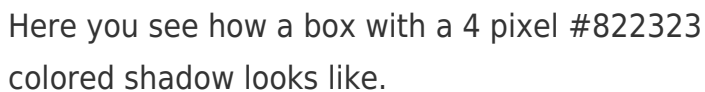
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822323 }
```

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

```
.border{ border-color:#822323 }
```

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



Here you see how a box with a 4 pixel #822323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822323; -webkit-box-shadow:4px 4px  
4px 4px #822323; box-shadow:4px 4px 4px  
4px #822323 }
```

Background

The CSS property to change the background color of an element to Hex 822323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822323 }
```

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

```
.background{ background-color:#822323 }
```

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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