

Converting Colors

Hex(802C56)

Have a look what the booklet for
Hex(802C56) contains.

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Color

Hex(802C56)

Conversions

Conversions Part 1

Format	Color
Hex	802C56
RGB	128, 44, 86
RGB Percent	50%, 17%, 34%
CMY	0.4980, 0.8275, 0.6627
CMYK	0.00, 0.66, 0.33, 0.50
HSL	330°, 49%, 34%
HSV	330°, 66%, 50%
XYZ	11.4825, 7.0624, 9.5621
YIQ	73.9040, 36.5820, 30.8700

Conversions

Conversions Part 2

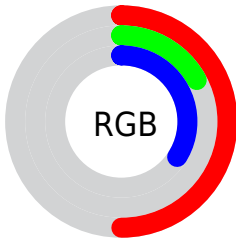
Format	Color
R_{YB}	128, 44, 86
Decimal	8399958
CIE _{Lab}	31.95, 40.50, -6.23
CIE _{LCh}	32, 40.975, 351.257
Yxy	7.0624, 0.4085, 0.2513
Android (android.graphics.Color)	4286590038 (0xFF802C56)
YUV	73.9040, 5.9633, 47.4422
Hunter-Lab	26.5753, 30.6185, -2.7306

Details

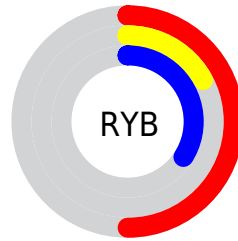
The Hex color **802C56** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2C8056**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B85F88**, and **4B0029** is the 20% darker color. If you saturate the color by 10%, you get **801F50**, and if you desaturate by 10%, it is **80395C**.

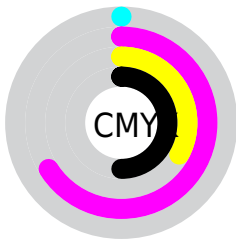
Distribution



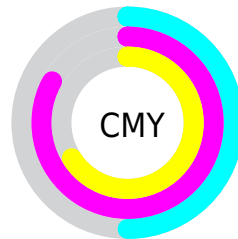
- Red (50%)
- Green (17%)
- Blue (34%)



- Red (50%)
- Yellow (17%)
- Blue (34%)



- Cyan (0%)
- Magenta (66%)
- Yellow (33%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802C56 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 802C56 by changing the saturation by 10% instead.

 802C56

 802C56

FFFFFF

 65103F

 B85F88

 4B0029

 D479A2

 330015

 F194BD

 0F0000

 FFAFD9

 000000

 FFCBF5

 FFE8FF

 802C56

 802C56

 801F50

 80395C

■ 801249

■ 804663

■ 800643

■ 805269

■ 800040

■ 805F70

■ 806C76

■ 80797C

■ 808683

■ 809289

■ 809F90

Harmonies

Analogous

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



693874



802C56



842D36

Triad

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



802C56



455004



00587D

Complementary

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



802C56



2C8056

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.



005A62



802C56



1A5720

Square

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



802C56



634602



005A40



00528B

Rectangle

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



802C56



7E3422



005A40



005975

Sweetspot

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



802C56



A68595



562C80



54404A



D4D4D4



545454

Same Dimension

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



802C56



A62364



802C2C



40393D



800040



000000

Inverse Universe

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



802C56



A62364



2C8080



40393D



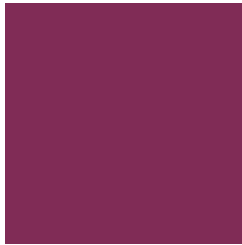
800040



000000

Previews

White Background



This preview shows how the Hex color 802C56 looks on a white background.

Color Contrast Check

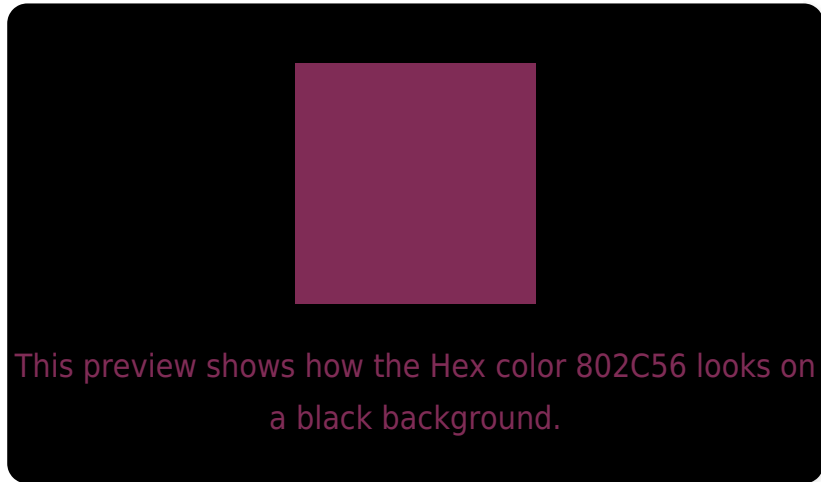
Large Text (above 18pt) WCAG AA ✓ Pass

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

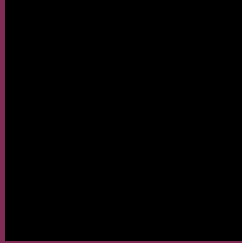
Any Text WCAG AA × Fail

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 802C56 Background



This preview shows how black text looks on a background with the Hex color 802C56.



This preview shows how white text looks on a background with the Hex color 802C56.

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
802C56

Protanopia
424B6B

Deuteranopia
514A52



Tritanopia
7E3337

Trichromacy



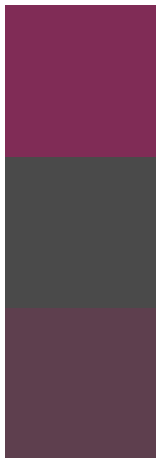
Original Color
802C56

Protanomaly
594063

Deuteranomaly
623F53

Tritanomaly
7F3042

Monochromacy



Original Color
802C56

Achromatopsia
4A4A4A

Achromatomaly
5E3F4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 802C56 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 #802C56 looks like.

```
.text, #text, p{  
    color:#802C56  
}
```

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 #802C56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802C56
}
```

Border

The CSS property to change the border of an element to Hex 802C56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

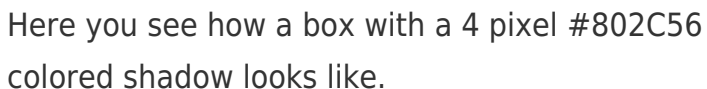
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802C56 }
```

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

```
.border{ border-color:#802C56 }
```

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



Here you see how a box with a 4 pixel #802C56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802C56; -webkit-box-shadow:4px 4px  
4px 4px #802C56; box-shadow:4px 4px 4px  
4px #802C56 }
```

Background

The CSS property to change the background color of an element to Hex 802C56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802C56 }
```

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

```
.background{ background-color:#802C56 }
```

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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