

Converting Colors

Hex(802A55)

Have a look what the booklet for
Hex(802A55) contains.

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Color

Hex(802A55)

Conversions

Conversions Part 1

Format	Color
Hex	802A55
RGB	128, 42, 85
RGB Percent	50%, 16%, 33%
CMY	0.4980, 0.8353, 0.6667
CMYK	0.00, 0.67, 0.34, 0.50
HSL	330°, 51%, 33%
HSV	330°, 67%, 50%
XYZ	11.3697, 6.9010, 9.3271
YIQ	72.6160, 37.4530, 31.6050

Conversions

Conversions Part 2

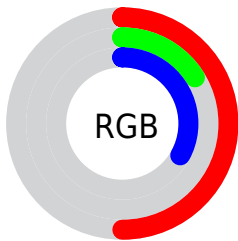
Format	Color
R_{YB}	128, 42, 85
Decimal	8399445
CIE _{Lab}	31.58, 41.27, -6.13
CIE _{LCh}	32, 41.727, 351.554
Yxy	6.9010, 0.4120, 0.2501
Android (android.graphics.Color)	4286589525 (0xFF802A55)
YUV	72.6160, 6.1053, 48.5718
Hunter-Lab	26.2698, 31.2841, -2.6621

Details

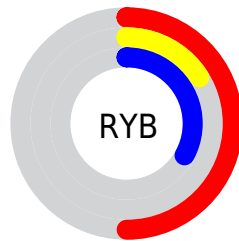
The Hex color **802A55** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A8055**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B85D87**, and **4B0028** is the 20% darker color. If you saturate the color by 10%, you get **801D4F**, and if you desaturate by 10%, it is **80375B**.

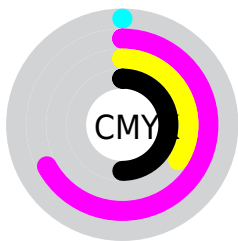
Distribution



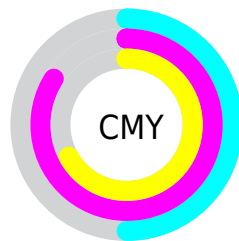
- Red (50%)
- Green (16%)
- Blue (33%)



- Red (50%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (34%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802A55 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 802A55 by changing the saturation by 10% instead.

 802A55

 802A55

FFFFFF

 650D3E

 B85D87

 4B0028

 D477A1

 340014

 F292BC

 0D0000

 FFAED7

 000000

 FFC9F4

 FFE6FF

 802A55

 802A55

 801D4F

 80375B

■ 801048

■ 804462

■ 800442

■ 805068

■ 800040

■ 805D6F

■ 806A75

■ 80777B

■ 808482

■ 809088

■ 809D8F

Harmonies

Analogous

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



683673



802A55



842B34

Triad

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



802A55



435001



00577D

Complementary

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



802A55



2A8055

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.



005961



802A55



16561F

Square

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



802A55



624600



005940



00518B

Rectangle

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



802A55



7E3320



005940



005875

Sweetspot

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



802A55



A68595



552A80



54404A



D4D4D4



545454

Same Dimension

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



802A55



A61F63



802A2A



40393D



800040



000000

Inverse Universe

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



802A55



A61F63



2A8080



40393D



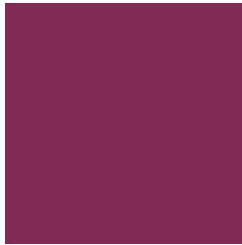
800040



000000

Previews

White Background



This preview shows how the Hex color 802A55 looks on a white background.

Color Contrast Check

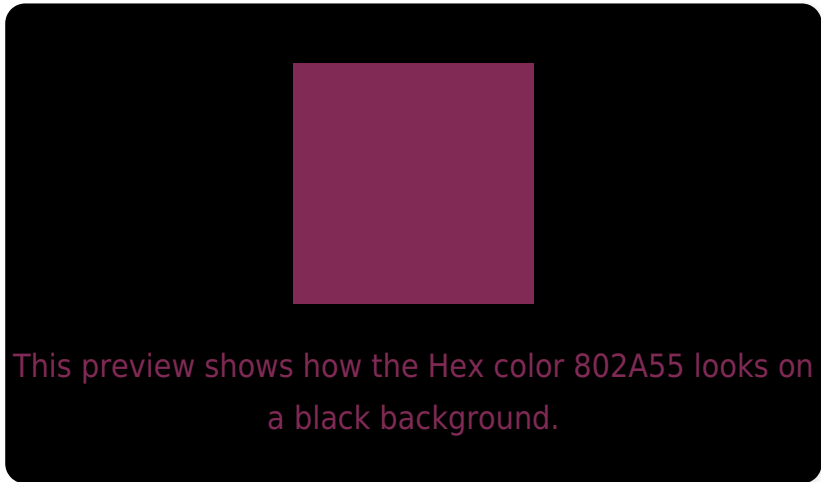
Large Text (above 18pt) WCAG AA ✓ Pass

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

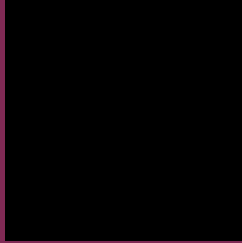
Any Text WCAG AA × Fail

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 802A55 Background



This preview shows how black text looks on a background with the Hex color 802A55.

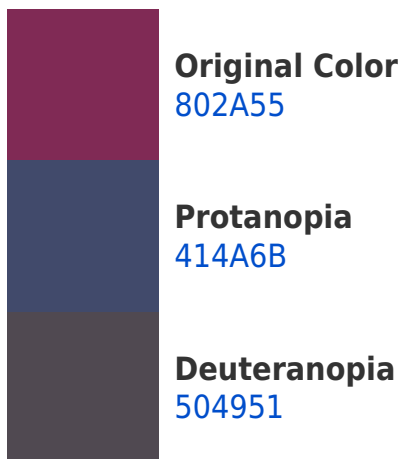


This preview shows how white text looks on a background with the Hex color 802A55.

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
7E3235

Trichromacy



Original Color
802A55

Protanomaly
583E63

Deuteranomaly
613E52

Tritanomaly
7F2F41

Monochromacy



Original Color
802A55

Achromatopsia
494949

Achromatomaly
5D3E4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 802A55 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 #802A55 looks like.

```
.text, #text, p{  
    color:#802A55  
}
```

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 #802A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802A55
}
```

Border

The CSS property to change the border of an element to Hex 802A55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

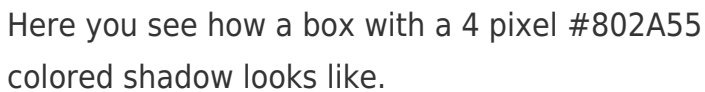
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802A55 }
```

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

```
.border{ border-color:#802A55 }
```

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



Here you see how a box with a 4 pixel #802A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802A55; -webkit-box-shadow:4px 4px  
4px 4px #802A55; box-shadow:4px 4px 4px  
4px #802A55 }
```

Background

The CSS property to change the background color of an element to Hex 802A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802A55 }
```

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

```
.background{ background-color:#802A55 }
```

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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