

Converting Colors

Hex(802A51)

Have a look what the booklet for
Hex(802A51) contains.

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Color

Hex(802A51)

Conversions

Conversions Part 1

Format	Color
Hex	802A51
RGB	128, 42, 81
RGB Percent	50%, 16%, 32%
CMY	0.4980, 0.8353, 0.6824
CMYK	0.00, 0.67, 0.37, 0.50
HSL	333°, 51%, 33%
HSV	333°, 67%, 50%
XYZ	11.2153, 6.8392, 8.5136
YIQ	72.1600, 38.7370, 30.3610

Conversions

Conversions Part 2

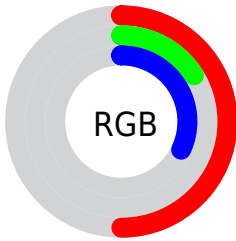
Format	Color
R_{YB}	128, 42, 81
Decimal	8399441
CIE _{Lab}	31.44, 40.77, -3.73
CIE _{LCh}	31, 40.938, 354.768
Yxy	6.8392, 0.4221, 0.2574
Android (android.graphics.Color)	4286589521 (0xFF802A51)
YUV	72.1600, 4.3581, 48.9717
Hunter-Lab	26.1519, 30.7841, -0.9952

Details

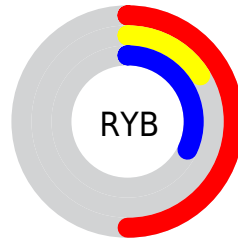
The Hex color **802A51** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A8059**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **B85D82**, and **4B0025** is the 20% darker color. If you saturate the color by 10%, you get **801D4A**, and if you desaturate by 10%, it is **803758**.

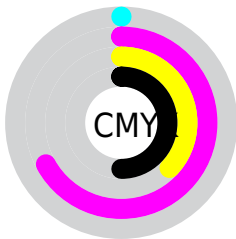
Distribution



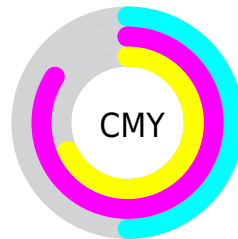
- Red (50%)
- Green (16%)
- Blue (32%)



- Red (50%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (67%)
- Yellow (37%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802A51 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 802A51 by changing the saturation by 10% instead.

 802A51

 802A51

FFFFFF

 650D3A

 B85D82

 4B0025

 D5779C

 34000F

 F292B7

 0A0000

 FFADD3

 000000

 FFC9EF

 FFE6FF

 802A51

 802A51

 801D4A

 803758

 801043

 80445F

 80043C

 805066

 80003A

 805D6D

 806A74

 80777B

 808482

 809089

 809D90

Harmonies

Analogous

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



6B356F



802A51



822D31

Triad

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



802A51



405005



00567E

Complementary

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



802A51



2A8059

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.



005964



802A51



0F5623

Square

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



802A51



5E4700



005843



004F8A

Rectangle

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



802A51



7B351E



005843



005777

Sweetspot

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



802A51



A68594



582A80



544049



D4D4D4



545454

Same Dimension

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



802A51



A61F5C



802D2A



40393C



80003A



000000

Inverse Universe

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



802A51



A61F5C



2A7D80



40393C



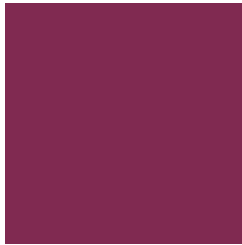
80003A



000000

Previews

White Background



This preview shows how the Hex color 802A51 looks on a white background.

Color Contrast Check

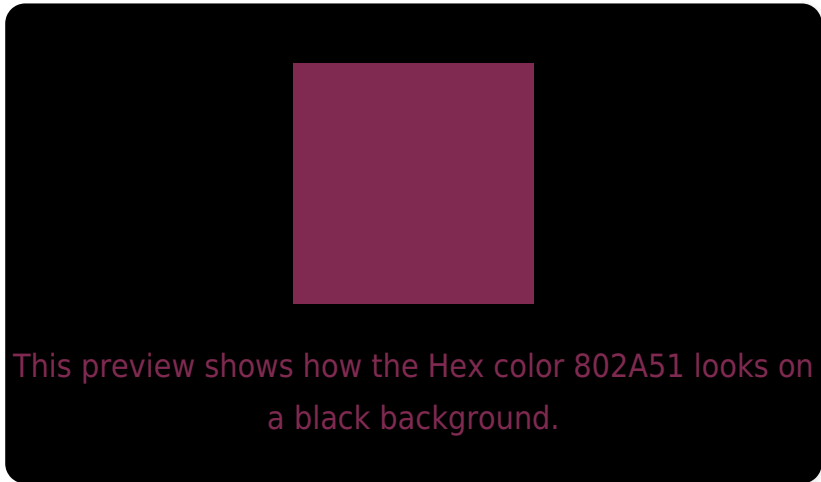
Large Text (above 18pt) WCAG AA ✓ Pass

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

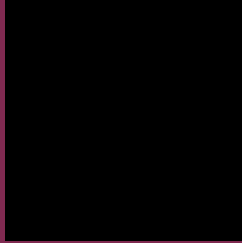
Any Text WCAG AA × Fail

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 802A51 Background



This preview shows how black text looks on a background with the Hex color 802A51.

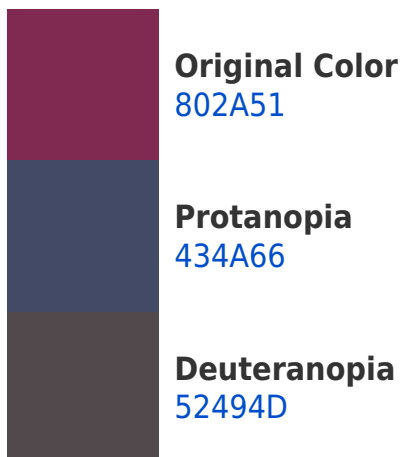



This preview shows how white text looks on a background with the Hex color 802A51.

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
7E3134

Trichromacy



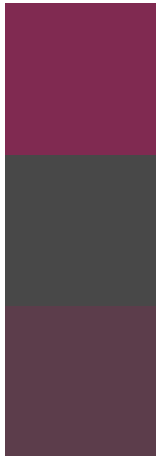
Original Color
802A51

Protanomaly
593E5E

Deuteranomaly
633E4E

Tritanomaly
7F2E3F

Monochromacy



Original Color
802A51

Achromatopsia
484848

Achromatomaly
5C3D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 802A51 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 #802A51 looks like.

```
.text, #text, p{  
    color:#802A51  
}
```

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 #802A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802A51
}
```

Border

The CSS property to change the border of an element to Hex 802A51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

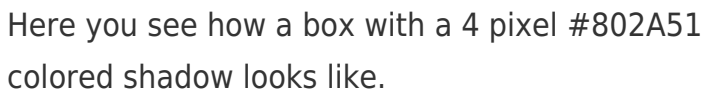
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802A51 }
```

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

```
.border{ border-color:#802A51 }
```

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



Here you see how a box with a 4 pixel #802A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802A51; -webkit-box-shadow:4px 4px  
4px 4px #802A51; box-shadow:4px 4px 4px  
4px #802A51 }
```

Background

The CSS property to change the background color of an element to Hex 802A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802A51 }
```

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

```
.background{ background-color:#802A51 }
```

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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