

Converting Colors

Hex(802A00)

Have a look what the booklet for
Hex(802A00) contains.

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Color

Hex(802A00)

Conversions

Conversions Part 1

Format	Color
Hex	802A00
RGB	128, 42, 0
RGB Percent	50%, 16%, 0%
CMY	0.4980, 0.8353, 1.0000
CMYK	0.00, 0.67, 1.00, 0.50
HSL	20°, 100%, 25%
HSV	20°, 100%, 50%
XYZ	9.7301, 6.2451, 0.6926
YIQ	62.9260, 64.7380, 5.1700

Conversions

Conversions Part 2

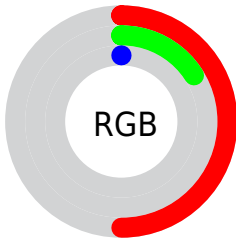
Format	Color
R_{YB}	128, 63, 0
Decimal	8399360
CIE Lab	30.02, 35.53, 41.86
CIE LCh	30, 54.900, 49.677
Yxy	6.2451, 0.5838, 0.3747
Android (android.graphics.Color)	4286589440 (0xFF802A00)
YUV	62.9260, -31.0225, 57.0699
Hunter-Lab	24.9902, 25.7668, 15.8500

Details

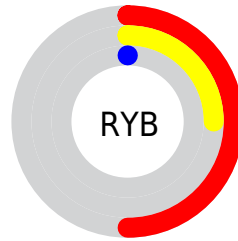
The Hex color **802A00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005680**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **BB5C30**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **802A00**, and if you desaturate by 10%, it is **80330D**.

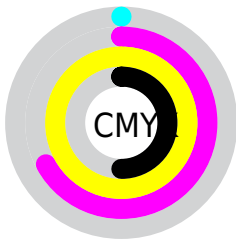
Distribution



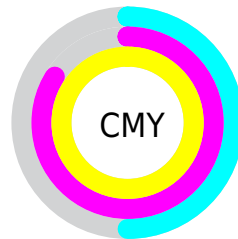
- Red (50%)
- Green (16%)
- Blue (0%)



- Red (50%)
- Yellow (25%)
- Blue (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (100%)
- Black (50%)



- Cyan (50%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802A00 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 802A00 by changing the saturation by 10% instead.

 802A00

 802A00

 FFFFE7

 631000

 BB5C30

 460000

 DA7548

 2F0002

 F99061

 000000

 FFAB7A

 FFC694

 FFE3AF

 FFFF CB

 802A00

 80330D

 803B1A

 804426

 804C33

 805540

 805E4D

 80665A

 806F66

 807773

Harmonies

Analogous

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



8F0B2D



802A00



644000

Triad

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



802A00



005836



094298

Complementary

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



802A00



005680

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.



00509C



802A00



005962

Square

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



802A00



005403



005788



6A2A7F

Rectangle

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



802A00



4B4900



005788



00489C

Sweetspot

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



802A00



A68474



800057



544036



D4D4D4



545454

Same Dimension

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



802A00



A63600



806900



403B39



000000

Inverse Universe

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



005680



006FA6



001780



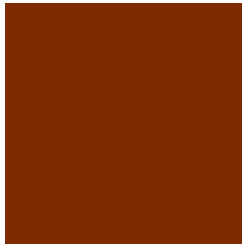
393E40



000000

Previews

White Background



This preview shows how the Hex color 802A00 looks on a white background.

Color Contrast Check

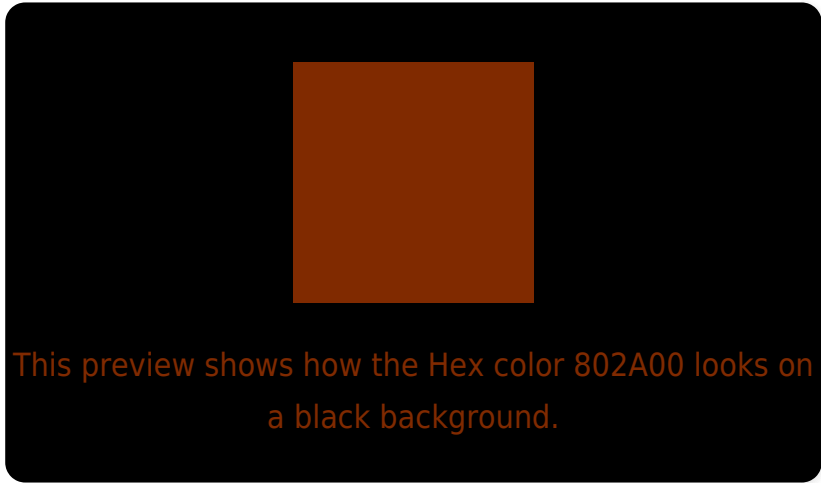
Large Text (above 18pt) WCAG AA ✓ Pass

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

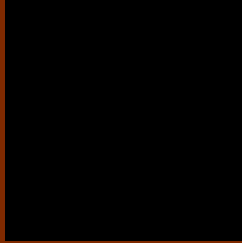
Any Text WCAG AA × Fail

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 802A00 Background



This preview shows how black text looks on a background with the Hex color 802A00.



This preview shows how white text looks on a background with the Hex color 802A00.

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
802A00

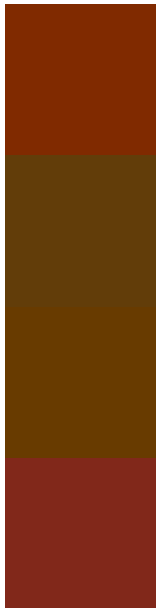
Protanopia
51480E

Deuteranopia
5B4400



Tritanopia
812729

Trichromacy



Original Color
802A00

Protanomaly
623D09

Deuteranomaly
683B00

Tritanomaly
81281A

Monochromacy



Original Color
802A00

Achromatopsia
3F3F3F

Achromatomaly
573728

CSS Examples

Text

The CSS property to change the color of the text to Hex 802A00 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 #802A00 looks like.

```
.text, #text, p{  
    color:#802A00  
}
```

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 #802A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802A00
}
```

Border

The CSS property to change the border of an element to Hex 802A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

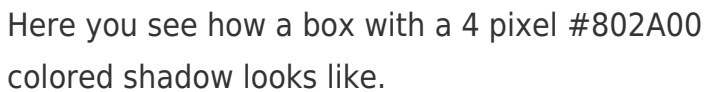
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802A00 }
```

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

```
.border{ border-color:#802A00 }
```

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



Here you see how a box with a 4 pixel #802A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802A00; -webkit-box-shadow:4px 4px  
4px 4px #802A00; box-shadow:4px 4px 4px  
4px #802A00 }
```

Background

The CSS property to change the background color of an element to Hex 802A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802A00 }
```

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

```
.background{ background-color:#802A00 }
```

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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