

Converting Colors

Hex(802C6B)

Have a look what the booklet for
Hex(802C6B) contains.

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Color

Hex(802C6B)

Conversions

Conversions Part 1

Format	Color
Hex	802C6B
RGB	128, 44, 107
RGB Percent	50%, 17%, 42%
CMY	0.4980, 0.8275, 0.5804
CMYK	0.00, 0.66, 0.16, 0.50
HSL	315°, 49%, 34%
HSV	315°, 66%, 50%
XYZ	12.4566, 7.4521, 14.6918
YIQ	76.2980, 29.8410, 37.4010

Conversions

Conversions Part 2

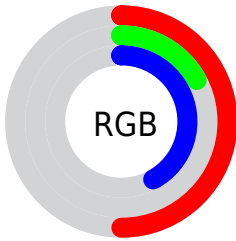
Format	Color
R _Y B	128, 44, 107
Decimal	8399979
CIE Lab	32.81, 43.57, -18.42
CIE LCh	33, 47.300, 337.084
Yxy	7.4521, 0.3600, 0.2154
Android (android.graphics.Color)	4286590059 (0xFF802C6B)
YUV	76.2980, 15.1361, 45.3427
Hunter-Lab	27.2985, 33.6791, -12.8003

Details

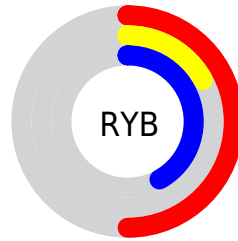
The Hex color **802C6B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2C8041**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **B7609F**, and **4C003B** is the 20% darker color. If you saturate the color by 10%, you get **801F68**, and if you desaturate by 10%, it is **80396E**.

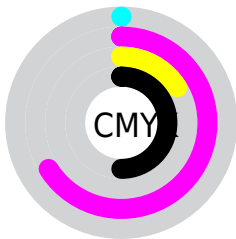
Distribution



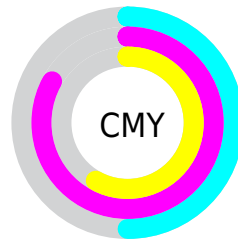
- Red (50%)
- Green (17%)
- Blue (42%)



- Red (50%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (66%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802C6B 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 802C6B by changing the saturation by 10% instead.

 802C6B

 802C6B

FFFFFF

 650F53

 B7609F

 4C003B

 D47ABA

 340026

 F195D5

 16000F

 FFB0F2

 000000

 FFCCFF

 FFE9FF

 802C6B

 802C6B

 801F68

 80396E

■ 801265

■ 804671

■ 800661

■ 805275

■ 800060

■ 805F78

■ 806C7B

■ 80797E

■ 808681

■ 809285

■ 809F88

Harmonies

Analogous

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



583F89



802C6B



8F2346

Triad

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



802C6B



564E00



005D79

Complementary

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



802C6B



2C8041

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.



005E55



802C6B



2E5706

Square

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



802C6B



744000



005C2E



005992

Rectangle

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



802C6B



8D292E



005C2E



005E6E

Sweetspot

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



802C6B



A6859D



412C80



54404F



D4D4D4



545454

Same Dimension

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



802C6B



A62385



802C41



40393E



800060



000000

Inverse Universe

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



802C6B



A62385



2C806B



40393E



800060



000000

Previews

White Background



This preview shows how the Hex color 802C6B looks on a white background.

Color Contrast Check

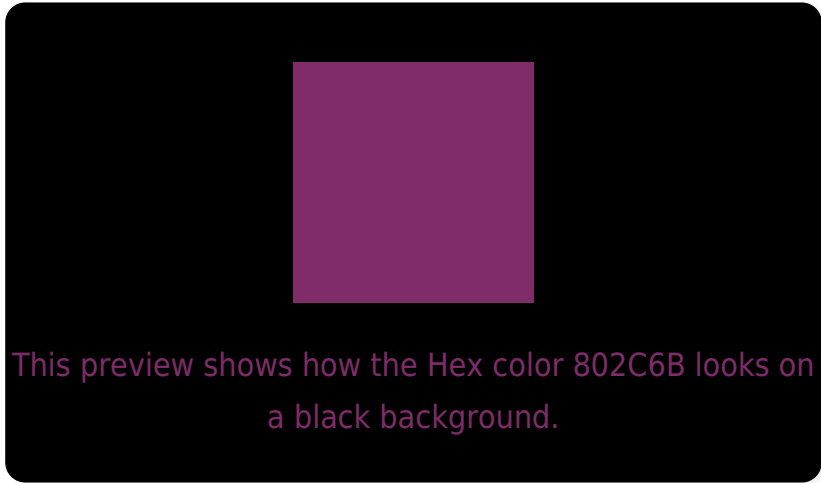
Large Text (above 18pt) WCAG AA ✓ Pass

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

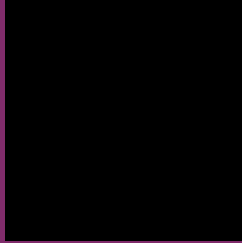
Any Text WCAG AA × Fail

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 802C6B Background



This preview shows how black text looks on a background with the Hex color 802C6B.



This preview shows how white text looks on a background with the Hex color 802C6B.

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
802C6B

Protanopia
364C85

Deuteranopia
494D66



Tritanopia
7C393D

Trichromacy



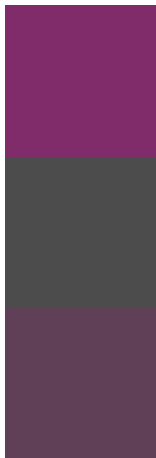
Original Color
802C6B

Protanomaly
51407C

Deuteranomaly
5D4168

Tritanomaly
7D344E

Monochromacy



Original Color
802C6B

Achromatopsia
4C4C4C

Achromatomaly
5F4057

CSS Examples

Text

The CSS property to change the color of the text to Hex 802C6B 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 #802C6B looks like.

```
.text, #text, p{  
    color:#802C6B  
}
```

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 #802C6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802C6B
}
```

Border

The CSS property to change the border of an element to Hex 802C6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

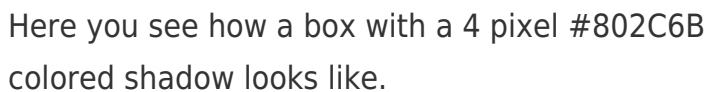
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802C6B }
```

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

```
.border{ border-color:#802C6B }
```

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



Here you see how a box with a 4 pixel #802C6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802C6B; -webkit-box-shadow:4px 4px  
4px 4px #802C6B; box-shadow:4px 4px 4px  
4px #802C6B }
```

Background

The CSS property to change the background color of an element to Hex 802C6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802C6B }
```

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

```
.background{ background-color:#802C6B }
```

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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