

# Converting Colors

Hex(802B64)

Have a look what the booklet for  
Hex(802B64) contains.

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# Color

**Hex(802B64)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	802B64
RGB	128, 43, 100
RGB Percent	50%, 17%, 39%
CMY	0.4980, 0.8314, 0.6078
CMYK	0.00, 0.66, 0.22, 0.50
HSL	320°, 50%, 34%
HSV	320°, 66%, 50%
XYZ	12.0662, 7.2370, 12.8175
YIQ	74.9130, 32.3630, 35.7470

# Conversions

## Conversions Part 2

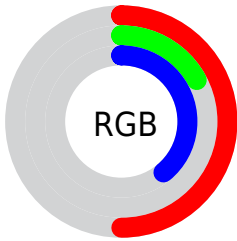
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 43, 100
Decimal	8399716
CIE <sub>Lab</sub>	32.34, 42.93, -14.67
CIE <sub>LCh</sub>	32, 45.367, 341.129
Yxy	7.2370, 0.3757, 0.2253
Android (android.graphics.Color)	4286589796 (0xFF802B64)
YUV	74.9130, 12.3679, 46.5573
Hunter-Lab	26.9018, 32.9843, -9.4179

# Details

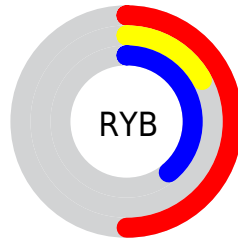
The Hex color **802B64** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2B8047**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **B75F97**, and **4B0035** is the 20% darker color. If you saturate the color by 10%, you get **801E60**, and if you desaturate by 10%, it is **803868**.

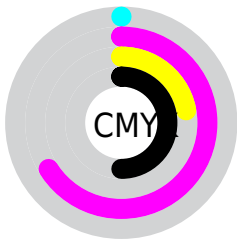
# Distribution



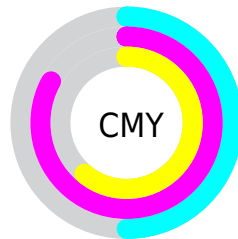
- Red (50%)
- Green (17%)
- Blue (39%)



- Red (50%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (66%)
- Yellow (22%)
- Black (50%)



- Cyan (50%)
- Magenta (83%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 802B64 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 802B64 by changing the saturation by 10% instead.



 802B64

 802B64

FFFFFF

 650E4C

 B75F97

 4B0035

 D479B2

 340020

 F194CD

 150004

 FFAFE9

 000000

 FFCBFF

 FFE8FF

 802B64

 802B64

 801E60

 803868

■ 80115C

■ 80456C

■ 800557

■ 805171

■ 800056

■ 805E75

■ 806B79

■ 80787D

■ 808582

■ 809186

■ 809E8A

# Harmonies

## Analogous

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



5E3C82



802B64



8B2640

# Triad

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



802B64



504F00



005B7A

# Complementary

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



802B64



2B8047

# 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.



005C59



802B64



28570F

# Square

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



802B64



6F4200



005B34



005690

# Rectangle

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



802B64



882C29



005B34



005C70



# Sweetspot

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



802B64



A6859B



462B80



54404D



D4D4D4



545454



# Same Dimension

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



802B64



A6217A



802B3B



40393E



800056



000000



# Inverse Universe

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



802B64



A6217A



2B8070



40393E



800056

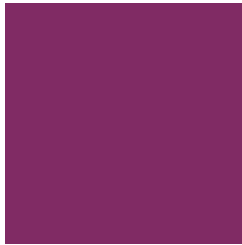


000000



# Previews

## White Background



This preview shows how the Hex color 802B64 looks on a white background.

## Color Contrast Check

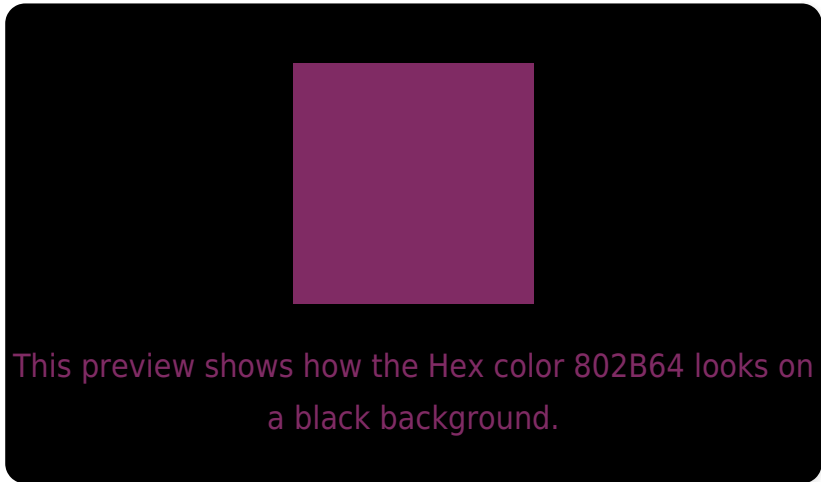
Large Text (above 18pt) WCAG AA ✓ Pass

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

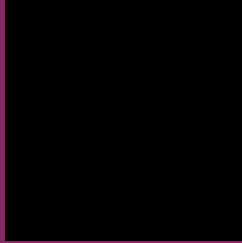
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 802B64 Background



This preview shows how black text looks on a background with the Hex color 802B64.

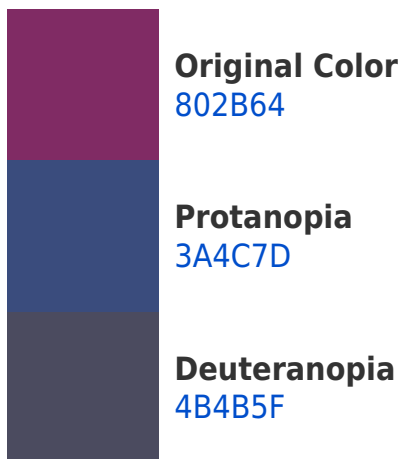



This preview shows how white text looks on a background with the Hex color 802B64.

# 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**  
7C363A

# Trichromacy



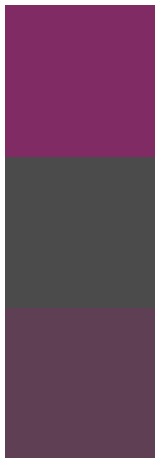
**Original Color**  
802B64

**Protanomaly**  
534074

**Deuteranomaly**  
5E3F61

**Tritanomaly**  
7D3249

# Monochromacy



**Original Color**  
802B64

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
5E3F54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 802B64 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 #802B64 looks like.

```
.text, #text, p{  
    color:#802B64  
}
```

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 #802B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802B64
}
```

## Border

The CSS property to change the border of an element to Hex 802B64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

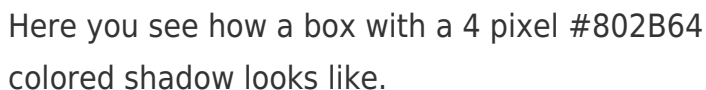
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802B64 }
```

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

```
.border{ border-color:#802B64 }
```

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



Here you see how a box with a 4 pixel #802B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802B64; -webkit-box-shadow:4px 4px  
4px 4px #802B64; box-shadow:4px 4px 4px  
4px #802B64 }
```

# Background

The CSS property to change the background color of an element to Hex 802B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802B64 }
```

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

```
.background{ background-color:#802B64 }
```

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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