

Converting Colors

Hex(802D6D)

Have a look what the booklet for
Hex(802D6D) contains.

Hex(802D6D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(802D6D)

Conversions

Conversions Part 1

Format	Color
Hex	802D6D
RGB	128, 45, 109
RGB Percent	50%, 18%, 43%
CMY	0.4980, 0.8235, 0.5725
CMYK	0.00, 0.65, 0.15, 0.50
HSL	314°, 48%, 34%
HSV	314°, 65%, 50%
XYZ	12.6008, 7.5701, 15.2650
YIQ	77.1130, 28.9240, 37.5000

Conversions

Conversions Part 2

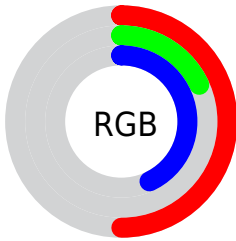
Format	Color
R_{YB}	128, 45, 109
Decimal	8400237
CIE _{Lab}	33.07, 43.44, -19.29
CIE _{LCh}	33, 47.530, 336.051
Yxy	7.5701, 0.3556, 0.2136
Android (android.graphics.Color)	4286590317 (0xFF802D6D)
YUV	77.1130, 15.7203, 44.6279
Hunter-Lab	27.5138, 33.6004, -13.6352

Details

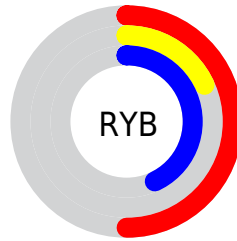
The Hex color **802D6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2D8040**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B761A1**, and **4C003D** is the 20% darker color. If you saturate the color by 10%, you get **80206A**, and if you desaturate by 10%, it is **803A70**.

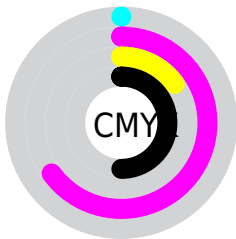
Distribution



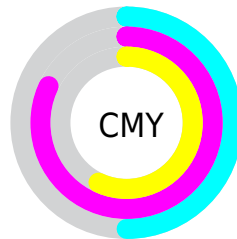
- Red (50%)
- Green (18%)
- Blue (43%)



- Red (50%)
- Yellow (18%)
- Blue (43%)



- Cyan (0%)
- Magenta (65%)
- Yellow (15%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802D6D 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 802D6D by changing the saturation by 10% instead.

 802D6D

 802D6D

FFFFFF

 651055

 B761A1

 4C003D

 D47BBC

 340027

 F196D8

 160011

 FFB1F4

 000000

 FFCDFD

 FFEAFF

 802D6D

 802D6D

 80206A

 803A70

 801367

 804773

 800764

 805376

 800063

 806079

 806D7C

 807A7F

 808782

 809384

 80A087

Harmonies

Analogous

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



57408B



802D6D



8F2348

Triad

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



802D6D



584F00



005E79

Complementary

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



802D6D



2D8040

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.



005F55



802D6D



305804

Square

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



802D6D



764000



005D2D



005A92

Rectangle

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



802D6D



8E292F



005D2D



005F6E

Sweetspot

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



802D6D



A6869F



3F2D80



544150



D4D4D4



545454

Same Dimension

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



802D6D



A62488



802D45



40393E



800062



000000

Inverse Universe

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



802D6D



A62488



2D8068



40393E



800062



000000

Previews

White Background



This preview shows how the Hex color 802D6D looks on a white background.

Color Contrast Check

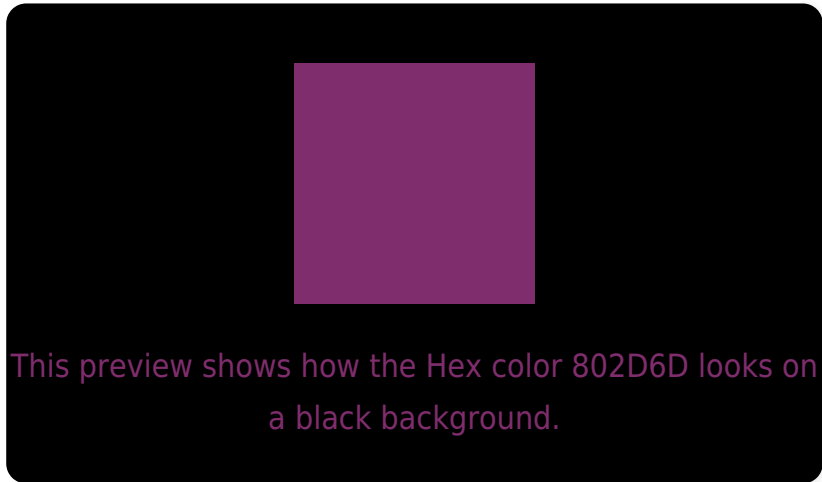
Large Text (above 18pt) WCAG AA ✓ Pass

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 802D6D Background



This preview shows how black text looks on a background with the Hex color 802D6D.



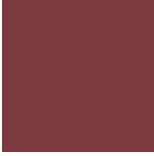
This preview shows how white text looks on a background with the Hex color 802D6D.

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
7B3A3E

Trichromacy



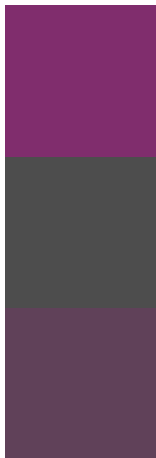
Original Color
802D6D

Protanomaly
50417E

Deuteranomaly
5D416A

Tritanomaly
7D354F

Monochromacy



Original Color
802D6D

Achromatopsia
4D4D4D

Achromatomaly
604159

CSS Examples

Text

The CSS property to change the color of the text to Hex 802D6D 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 #802D6D looks like.

```
.text, #text, p{  
    color:#802D6D  
}
```

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 #802D6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802D6D
}
```

Border

The CSS property to change the border of an element to Hex 802D6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

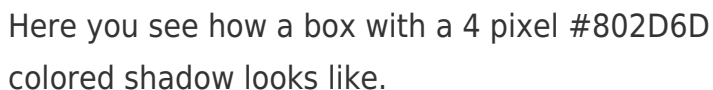
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802D6D }
```

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

```
.border{ border-color:#802D6D }
```

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



Here you see how a box with a 4 pixel #802D6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802D6D; -webkit-box-shadow:4px 4px  
4px 4px #802D6D; box-shadow:4px 4px 4px  
4px #802D6D }
```

Background

The CSS property to change the background color of an element to Hex 802D6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802D6D }
```

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

```
.background{ background-color:#802D6D }
```

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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