

Converting Colors

Hex(804A6D)

Have a look what the booklet for
Hex(804A6D) contains.

Hex(804A6D)	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(804A6D)

Conversions

Conversions Part 1

Format	Color
Hex	804A6D
RGB	128, 74, 109
RGB Percent	50%, 29%, 43%
CMY	0.4980, 0.7098, 0.5725
CMYK	0.00, 0.42, 0.15, 0.50
HSL	321°, 27%, 40%
HSV	321°, 42%, 50%
XYZ	14.1112, 10.5909, 15.7685
YIQ	94.1360, 20.9490, 22.3330

Conversions

Conversions Part 2

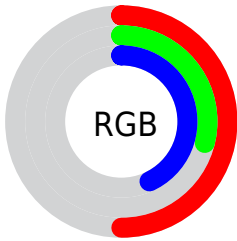
Format	Color
R_{YB}	128, 74, 109
Decimal	8407661
CIE _{Lab}	38.88, 28.19, -10.40
CIE _{LCh}	39, 30.050, 339.746
Yxy	10.5909, 0.3487, 0.2617
Android (android.graphics.Color)	4286597741 (0xFF804A6D)
YUV	94.1360, 7.3280, 29.6987
Hunter-Lab	32.5436, 20.4477, -5.9475

Details

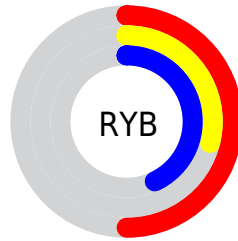
The Hex color **804A6D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4A805D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **B67CA1**, and **4D1B3D** is the 20% darker color. If you saturate the color by 10%, you get **803D68**, and if you desaturate by 10%, it is **805772**.

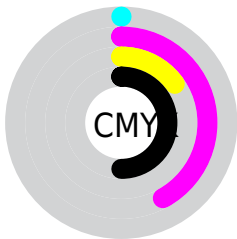
Distribution



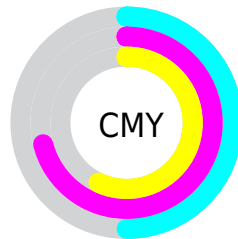
- Red (50%)
- Green (29%)
- Blue (43%)



- Red (50%)
- Yellow (29%)
- Blue (43%)



- Cyan (0%)
- Magenta (42%)
- Yellow (15%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804A6D 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 804A6D by changing the saturation by 10% instead.

 804A6D

 804A6D

FFFFFF

 663255

 B67CA1

 4D1B3D

 D296BC

 350428

 EFB1D7

 210013

 FFCDF4

 000000

 FFE9FF

 804A6D

 804A6D

 803D68

 805772

 803064

 806476

 80245F

 80707B

 80175B

 807D7F

 800A56

 808A84

 800053

 809788

 80A48D

 80B091

 80BD96

Harmonies

Analogous

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



685281



804A6D



8A4754

Triad

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



804A6D



635D2A



00677A

Complementary

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



804A6D



4A805D

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.



006863



804A6D



486335

Square

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



804A6D



78542E



26674A



006389

Rectangle

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



804A6D



894A45



26674A



006873

Sweetspot

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



804A6D



A6909E



5D4A80



54474F



D4D4D4



545454

Same Dimension

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



804A6D



A65188



804A52



40393E



800053



000000

Inverse Universe

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



804A6D



A65188



4A8078



40393E



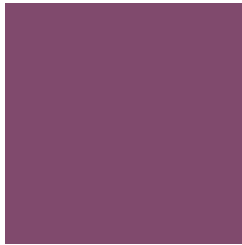
800053



000000

Previews

White Background



This preview shows how the Hex color 804A6D looks on a white background.

Color Contrast Check

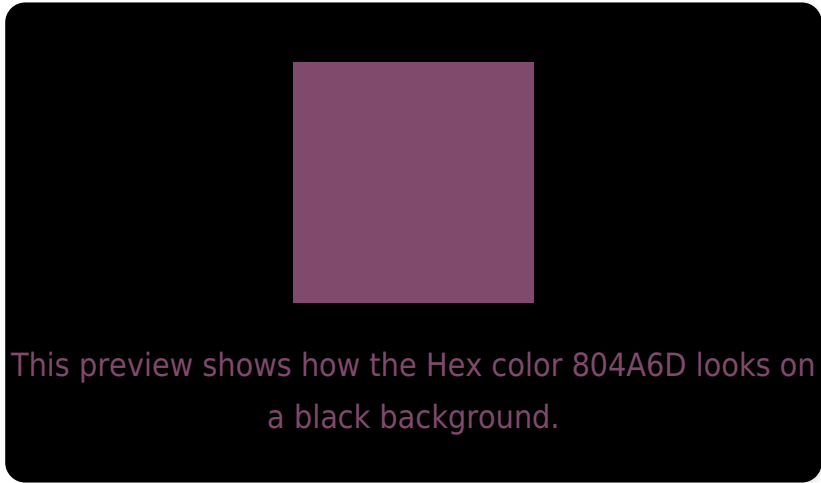
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

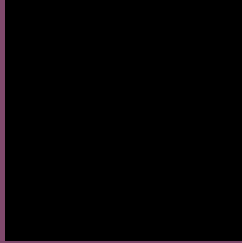
Any Text WCAG AA × Fail

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 804A6D Background



This preview shows how black text looks on a background with the Hex color 804A6D.



This preview shows how white text looks on a background with the Hex color 804A6D.

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
804A6D

Protanopia
545B79

Deuteranopia
5E5A6A



Tritanopia
7D4F55

Trichromacy



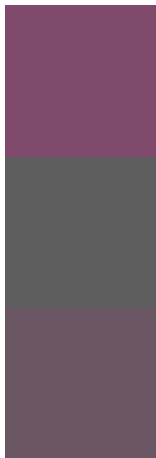
Original Color
804A6D

Protanomaly
645575

Deuteranomaly
6A546B

Tritanomaly
7E4D5E

Monochromacy



Original Color
804A6D

Achromatopsia
5E5E5E

Achromatomaly
6A5763

CSS Examples

Text

The CSS property to change the color of the text to Hex 804A6D 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 #804A6D looks like.

```
.text, #text, p{  
    color:#804A6D  
}
```

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 #804A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804A6D
}
```

Border

The CSS property to change the border of an element to Hex 804A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

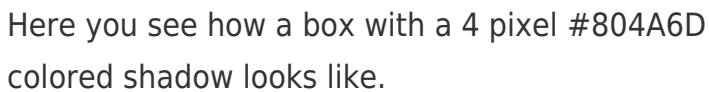
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804A6D }
```

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

```
.border{ border-color:#804A6D }
```

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



Here you see how a box with a 4 pixel #804A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804A6D; -webkit-box-shadow:4px 4px  
4px 4px #804A6D; box-shadow:4px 4px 4px  
4px #804A6D }
```

Background

The CSS property to change the background color of an element to Hex 804A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804A6D }
```

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

```
.background{ background-color:#804A6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor