

Converting Colors

Hex(804B78)

Have a look what the booklet for
Hex(804B78) contains.

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Color

Hex(804B78)

Conversions

Conversions Part 1

Format	Color
Hex	804B78
RGB	128, 75, 120
RGB Percent	50%, 29%, 47%
CMY	0.4980, 0.7059, 0.5294
CMYK	0.00, 0.41, 0.06, 0.50
HSL	309°, 26%, 40%
HSV	309°, 41%, 50%
XYZ	14.8083, 10.9774, 19.1077
YIQ	95.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

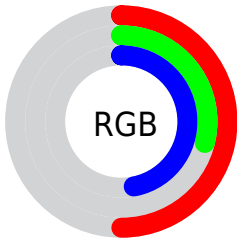
Format	Color
R_{YB}	128, 75, 120
Decimal	8407928
CIE _{Lab}	39.54, 29.64, -16.21
CIE _{LCh}	40, 33.782, 331.325
Yxy	10.9774, 0.3299, 0.2445
Android (android.graphics.Color)	4286598008 (0xFF804B78)
YUV	95.9770, 11.8433, 28.0842
Hunter-Lab	33.1322, 21.7987, -11.0006

Details

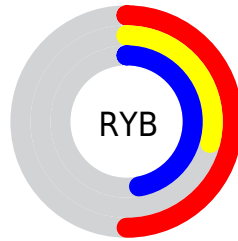
The Hex color **804B78** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B8053**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B67DAC**, and **4D1C47** is the 20% darker color. If you saturate the color by 10%, you get **803E76**, and if you desaturate by 10%, it is **80587A**.

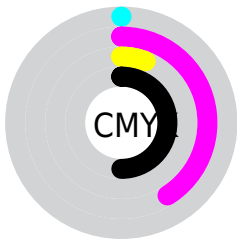
Distribution



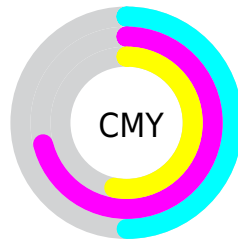
- Red (50%)
- Green (29%)
- Blue (47%)



- Red (50%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (6%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804B78 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 804B78 by changing the saturation by 10% instead.

804B78

804B78

FFFFFF

66335F

B67DAC

4D1C47

D297C8

350431

EEB2E4

23001C

FFCEFF

000000

FFEBFF

804B78

804B78

803E76

80587A

803174

80657C

802572

80717E

801870

807E80

800B6E

808B82

80006D

809884

80A586

80B187

80BE89

Harmonies

Analogous

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



60558C



804B78



8F465D

Triad

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



804B78



6C5C24



006A79

Complementary

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



804B78



4B8053

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.



006B5E



804B78



50642C

Square

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



804B78



82522D



2B6942



00678D

Rectangle

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



804B78



91474B



2B6942



006B70

Sweetspot

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



804B78



A692A3



534B80



544852



D4D4D4



545454

Same Dimension

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



804B78



A65399



804B5E



40393F



80006C



000000

Inverse Universe

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



804B78



A65399



4B806D



40393F



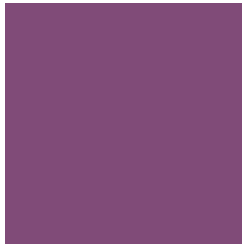
80006C



000000

Previews

White Background



This preview shows how the Hex color 804B78 looks on a white background.

Color Contrast Check

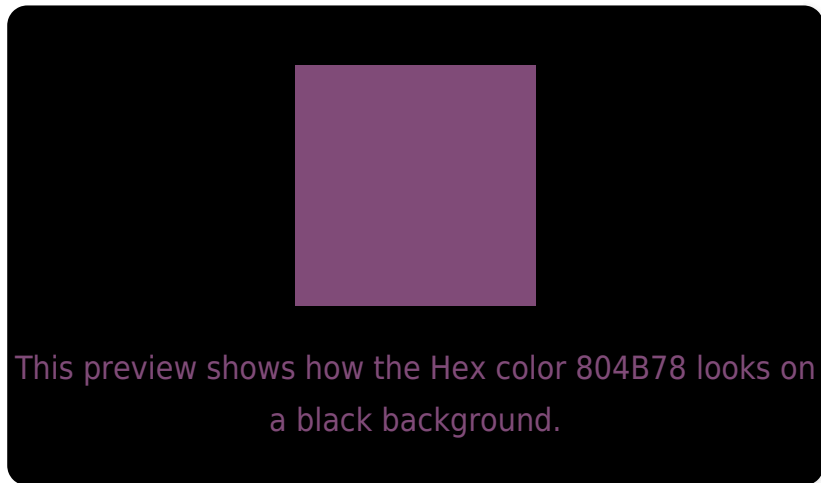
Large Text (above 18pt) WCAG AA ✓ Pass

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

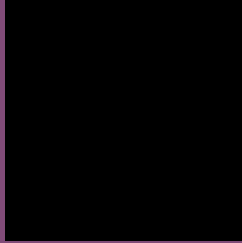
Any Text WCAG AA × Fail

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 804B78 Background



This preview shows how black text looks on a background with the Hex color 804B78.

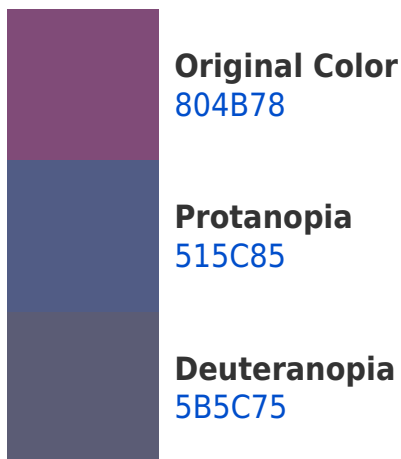


This preview shows how white text looks on a background with the Hex color 804B78.

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
7C5258

Trichromacy



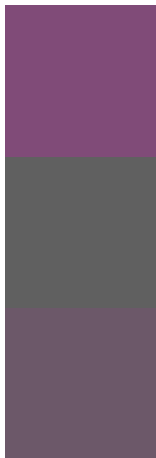
Original Color
804B78

Protanomaly
625680

Deuteranomaly
685676

Tritanomaly
7D4F64

Monochromacy



Original Color
804B78

Achromatopsia
606060

Achromatomaly
6C5869

CSS Examples

Text

The CSS property to change the color of the text to Hex 804B78 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 #804B78 looks like.

```
.text, #text, p{  
    color:#804B78  
}
```

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 #804B78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804B78
}
```

Border

The CSS property to change the border of an element to Hex 804B78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

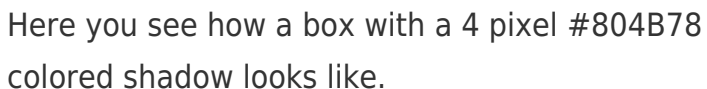
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804B78 }
```

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

```
.border{ border-color:#804B78 }
```

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



Here you see how a box with a 4 pixel #804B78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804B78; -webkit-box-shadow:4px 4px  
4px 4px #804B78; box-shadow:4px 4px 4px  
4px #804B78 }
```

Background

The CSS property to change the background color of an element to Hex 804B78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804B78 }
```

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

```
.background{ background-color:#804B78 }
```

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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