

Converting Colors

Hex(816781)

Have a look what the booklet for
Hex(816781) contains.

Hex(816781)	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(816781)

Conversions

Conversions Part 1

Format	Color
Hex	816781
RGB	129, 103, 129
RGB Percent	51%, 40%, 51%
CMY	0.4941, 0.5961, 0.4941
CMYK	0.00, 0.20, 0.00, 0.49
HSL	300°, 11%, 45%
HSV	300°, 20%, 51%
XYZ	17.8660, 15.9526, 22.9064
YIQ	113.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

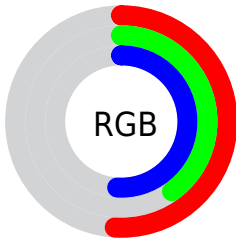
Format	Color
R_{YB}	129, 103, 129
Decimal	8480641
CIE Lab	46.91, 15.24, -10.48
CIE LCh	47, 18.499, 325.492
Yxy	15.9526, 0.3150, 0.2812
Android (android.graphics.Color)	4286670721 (0xFF816781)
YUV	113.7380, 7.5242, 13.3848
Hunter-Lab	39.9407, 9.9489, -6.0449

Details

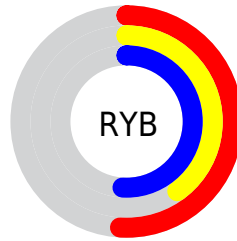
The Hex color **816781** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **678167**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B69AB6**, and **4F3850** is the 20% darker color. If you saturate the color by 10%, you get **815A81**, and if you desaturate by 10%, it is **817481**.

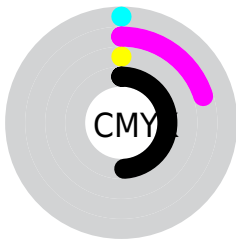
Distribution



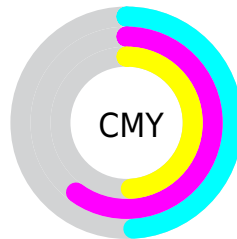
- Red (51%)
- Green (40%)
- Blue (51%)



- Red (51%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 816781 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 816781 by changing the saturation by 10% instead.

■ 816781

■ 816781

FFFFFF

■ 684F68

■ B69AB6

■ 4F3850

■ D2B5D1

■ 382239

■ EED1EE

■ 220D23

■ FFEDFF

■ 00000C

■ 000000

■ 816781

■ 816781

■ 815A81

■ 817481

■ 814D81

■ 818181

814081

818E81

813381

819B81

812781

81A881

811A81

81B481

810D81

81C181

810081

81CE81

81DB81

Harmonies

Analogous

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



6F6C8B



816781



8C6472

Triad

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



816781



7D6D50



42787C

Complementary

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



816781



678167

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.



4A786C



816781



6D7253

Square

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



816781



896856



5B765D



477588

Rectangle

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



816781



8F6468



5B765D



437877

Sweetspot

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



816781



A89EA8



676781



544E54



D4D4D4



545454

Same Dimension

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



816781



A880A8



816774



403940



800080



000000

Inverse Universe

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



816781



A880A8



678174



403940



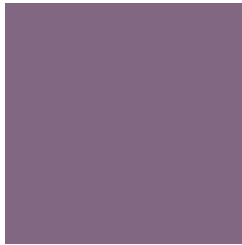
800080



000000

Previews

White Background



This preview shows how the Hex color 816781 looks on a white background.

Color Contrast Check

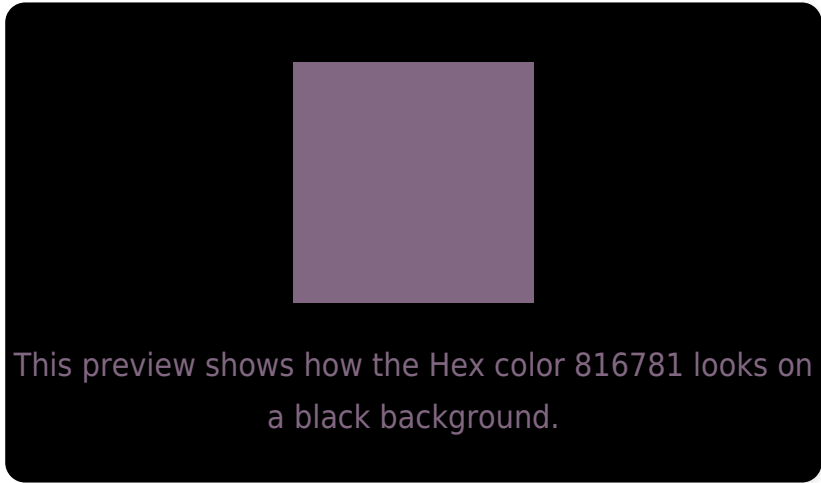
Large Text (above 18pt) WCAG AA ✓ Pass

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

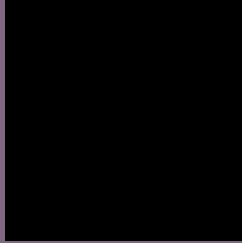
Any Text WCAG AA × Fail

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 816781 Background



This preview shows how black text looks on a background with the Hex color 816781.

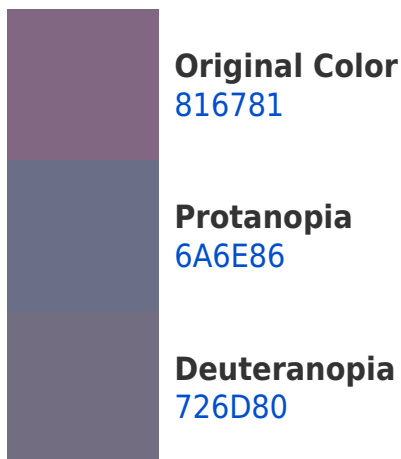


This preview shows how white text looks on a background with the Hex color 816781.

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
7F6A72

Trichromacy



Original Color
816781

Protanomaly
726B84

Deuteranomaly
776B80

Tritanomaly
806977

Monochromacy



Original Color
816781

Achromatopsia
727272

Achromatomaly
776E77

CSS Examples

Text

The CSS property to change the color of the text to Hex 816781 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 #816781 looks like.

```
.text, #text, p{  
    color:#816781  
}
```

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 #816781 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #816781
}
```

Border

The CSS property to change the border of an element to Hex 816781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

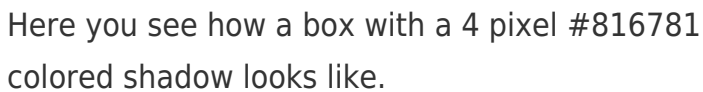
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#816781 }
```

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

```
.border{ border-color:#816781 }
```

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



Here you see how a box with a 4 pixel #816781 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #816781; -webkit-box-shadow:4px 4px  
4px 4px #816781; box-shadow:4px 4px 4px  
4px #816781 }
```

Background

The CSS property to change the background color of an element to Hex 816781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#816781 }
```

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

```
.background{ background-color:#816781 }
```

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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