

# Converting Colors

Hex(817A84)

Have a look what the booklet for  
Hex(817A84) contains.

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# Color

**Hex(817A84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	817A84
RGB	129, 122, 132
RGB Percent	51%, 48%, 52%
CMY	0.4941, 0.5216, 0.4824
CMYK	0.02, 0.08, 0.00, 0.48
HSL	282°, 4%, 50%
HSV	282°, 8%, 52%
XYZ	20.1777, 20.2521, 24.6754
YIQ	125.2330, 0.9620, 4.5940

# Conversions

## Conversions Part 2

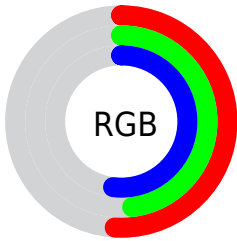
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 122, 132
Decimal	8485508
CIE <sub>Lab</sub>	52.12, 4.65, -4.49
CIE <sub>LCh</sub>	52, 6.459, 316.017
Yxy	20.2521, 0.3099, 0.3111
Android (android.graphics.Color)	4286675588 (0xFF817A84)
YUV	125.2330, 3.3361, 3.3037
Hunter-Lab	45.0024, 1.2796, -1.0078

# Details

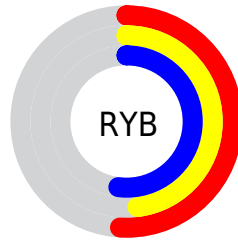
The Hex color **817A84** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7D847A**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **B6AEB9**, and **504953** is the 20% darker color. If you saturate the color by 10%, you get **7D6D84**, and if you desaturate by 10%, it is **858784**.

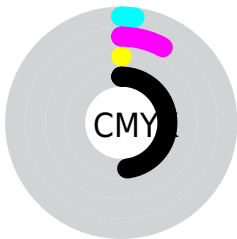
# Distribution



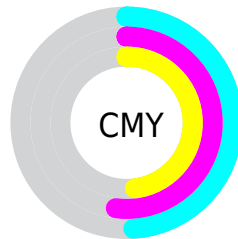
- Red (51%)
- Green (48%)
- Blue (52%)



- Red (51%)
- Yellow (48%)
- Blue (52%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (52%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 817A84 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 817A84 by changing the saturation by 10% instead.





817A84



817A84

FFFFFF



68616B



B6AEB9



504953



D1CAD5



39333C



EEE6F1



231E26



0E0511



000000



817A84



817A84



7D6D84



858784



796084



899484

755284

8DA284

714584

91AF84

6D3884

95BC84

692B84

99C984

651E84

9DD684

611084

A1E484

5D0384

A5F184

# Harmonies

## Analogous

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



7A7C87



817A84



86797F

# Triad

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



817A84



847B72



6F807F

# Complementary

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



817A84



7D847A

# 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.



727F79



817A84



7E7D72

# Square

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



817A84



877975



777E75



707F84

# Rectangle

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



817A84



88797B



777E75



70807D



# Sweetspot

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



817A84



AAA7AB



7A7D84



565557



D6D6D6



575757



# Same Dimension

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



817A84



A69BAB



847A82



403C42



5B0082



020003



# Inverse Universe

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



847A7D



AB9BA0



7A847C



423C3E



820027



030001



# Previews

## White Background



This preview shows how the Hex color 817A84 looks on a white background.

## Color Contrast Check

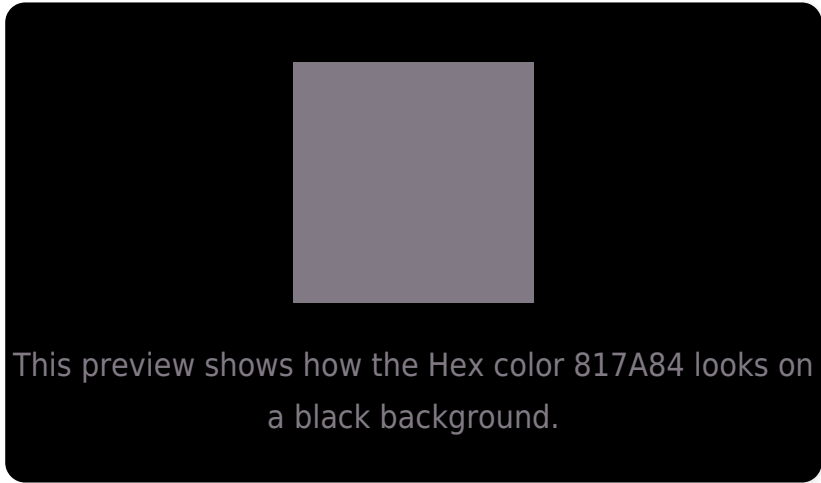
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

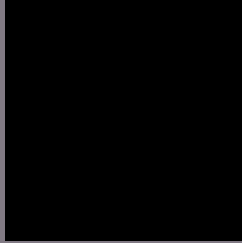
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

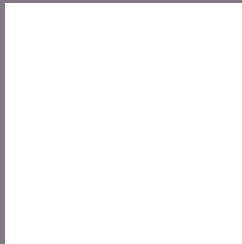
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 817A84 Background



This preview shows how black text looks on a background with the Hex color 817A84.



This preview shows how white text looks on a background with the Hex color 817A84.

# 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**  
817A84

**Protanopia**  
7C7C85

**Deuteranopia**  
857984



**Tritanopia**  
817A84

# Trichromacy



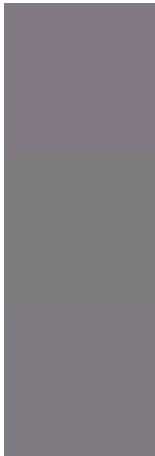
**Original Color**  
817A84

**Protanomaly**  
7E7B85

**Deuteranomaly**  
847984

**Tritanomaly**  
817A84

# Monochromacy



**Original Color**  
817A84

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
7E7C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 817A84 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 #817A84 looks like.

```
.text, #text, p{  
    color:#817A84  
}
```

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 #817A84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #817A84
}
```

## Border

The CSS property to change the border of an element to Hex 817A84 is called "border". The border property can be set on classes, ids or directly on the HTML element.

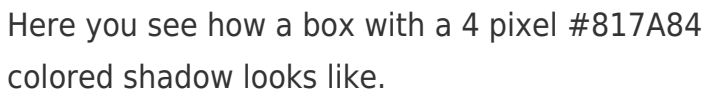
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#817A84 }
```

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

```
.border{ border-color:#817A84 }
```

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



Here you see how a box with a 4 pixel #817A84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #817A84; -webkit-box-shadow:4px 4px  
4px 4px #817A84; box-shadow:4px 4px 4px  
4px #817A84 }
```

# Background

The CSS property to change the background color of an element to Hex 817A84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#817A84 }
```

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

```
.background{ background-color:#817A84 }
```

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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