

# Converting Colors

Hex(827784)

Have a look what the booklet for  
Hex(827784) contains.

<b>Hex(827784)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(827784)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	827784
RGB	130, 119, 132
RGB Percent	51%, 47%, 52%
CMY	0.4902, 0.5333, 0.4824
CMYK	0.02, 0.10, 0.00, 0.48
HSL	291°, 5%, 49%
HSV	291°, 10%, 52%
XYZ	19.9676, 19.6054, 24.5616
YIQ	123.7710, 2.3830, 6.3750

# Conversions

## Conversions Part 2

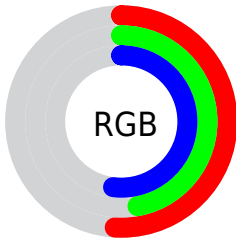
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 119, 132
Decimal	8550276
CIE <sub>Lab</sub>	51.39, 6.77, -5.56
CIE <sub>LCh</sub>	51, 8.760, 320.590
Yxy	19.6054, 0.3113, 0.3057
Android (android.graphics.Color)	4286740356 (0xFF827784)
YUV	123.7710, 4.0569, 5.4628
Hunter-Lab	44.2780, 3.0098, -1.8944

# Details

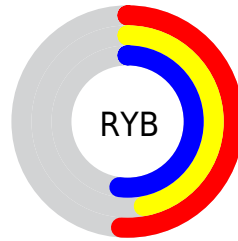
The Hex color **827784** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **798477**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **B7ABB9**, and **514753** is the 20% darker color. If you saturate the color by 10%, you get **806A84**, and if you desaturate by 10%, it is **848484**.

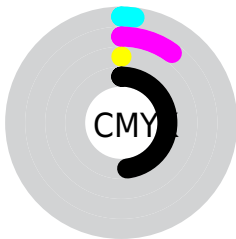
# Distribution



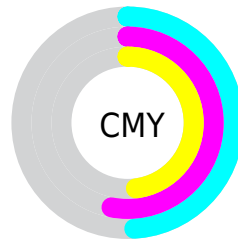
- Red (51%)
- Green (47%)
- Blue (52%)



- Red (51%)
- Yellow (47%)
- Blue (52%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (53%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 827784 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 827784 by changing the saturation by 10% instead.



827784

827784

FFFFFF

695E6B

B7ABB9

514753

D3C6D5

3A303C

EFE2F1

241B26

0F0011

000000

827784

827784


806A84

848484

7E5D84

869184

 7C4F84

 889F84

 7A4284

 8AAC84

 783584

 8CB984

 762884

 8EC684

 741B84

 90D384

 720D84

 92E184

 700084

 94EE84

# Harmonies

## Analogous

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



797988



827784



88767D

# Triad

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



827784



83796C



687F7F

# Complementary

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



827784



798477

# 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.



6B7F78



827784



7B7C6C

# Square

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



827784



89776F



727E71



697E86

# Rectangle

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



827784



8A7578



727E71



687F7D



# Sweetspot

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



827784



AAA6AB



777984



565357



D6D6D6



575757



# Same Dimension

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



827784



A896AB



847780



413C42



6E0082



020003



# Inverse Universe

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



847779



AB969A



77847B



423C3D



820014



030000



# Previews

## White Background



This preview shows how the Hex color 827784 looks on a white background.

## Color Contrast Check

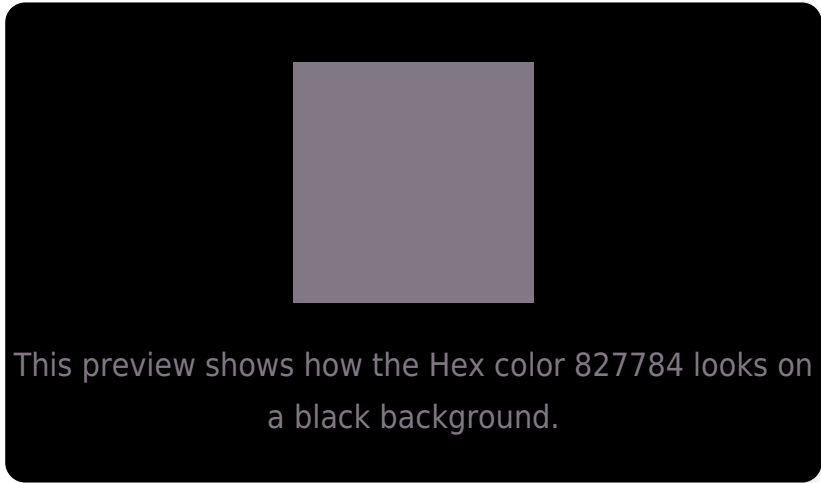
Large Text (above 18pt) WCAG AA ✓ Pass

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

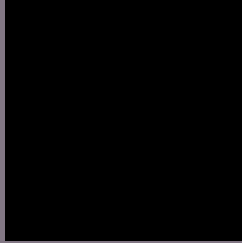
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 827784 Background



This preview shows how black text looks on a background with the Hex color 827784.



This preview shows how white text looks on a background with the Hex color 827784.

# 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**  
827784

**Protanopia**  
797A86

**Deuteranopia**  
827784



**Tritanopia**  
827881

# Trichromacy



**Original Color**

827784

**Protanomaly**

7C7985

**Deuteranomaly**

827784

**Tritanomaly**

827882

# Monochromacy



**Original Color**

827784

**Achromatopsia**

7C7C7C

**Achromatomaly**

7E7A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 827784 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 #827784 looks like.

```
.text, #text, p{  
    color:#827784  
}
```

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 #827784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #827784
}
```

## Border

The CSS property to change the border of an element to Hex 827784 is called "border". The border property can be set on classes, ids or directly on the HTML element.

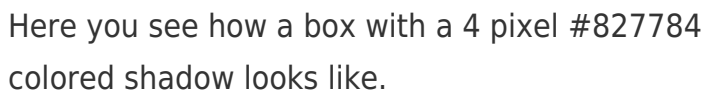
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#827784 }
```

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

```
.border{ border-color:#827784 }
```

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



Here you see how a box with a 4 pixel #827784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #827784; -webkit-box-shadow:4px 4px  
4px 4px #827784; box-shadow:4px 4px 4px  
4px #827784 }
```

# Background

The CSS property to change the background color of an element to Hex 827784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#827784 }
```

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

```
.background{ background-color:#827784 }
```

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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