

# Converting Colors

Hex(807787)

Have a look what the booklet for  
Hex(807787) contains.

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# Color

**Hex(807787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	807787
RGB	128, 119, 135
RGB Percent	50%, 47%, 53%
CMY	0.4980, 0.5333, 0.4706
CMYK	0.05, 0.12, 0.00, 0.47
HSL	274°, 6%, 50%
HSV	274°, 12%, 53%
XYZ	19.8721, 19.5321, 25.6444
YIQ	123.5150, 0.2280, 6.8840

# Conversions

## Conversions Part 2

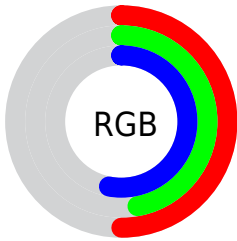
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 119, 135
Decimal	8419207
CIE Lab	51.30, 6.66, -7.47
CIE LCh	51, 10.005, 311.703
Yxy	19.5321, 0.3055, 0.3003
Android (android.graphics.Color)	4286609287 (0xFF807787)
YUV	123.5150, 5.6621, 3.9333
Hunter-Lab	44.1952, 2.9199, -3.4666

# Details

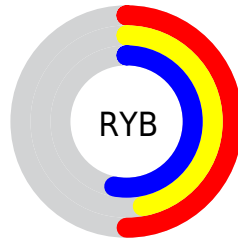
The Hex color **807787** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7E8777**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **B5ABBC**, and **4F4755** is the 20% darker color. If you saturate the color by 10%, you get **7A6A87**, and if you desaturate by 10%, it is **868587**.

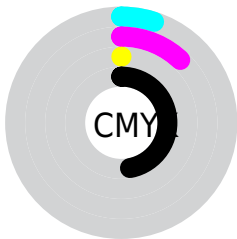
# Distribution



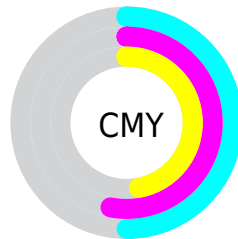
- Red (50%)
- Green (47%)
- Blue (53%)



- Red (50%)
- Yellow (47%)
- Blue (53%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (53%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 807787 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 807787 by changing the saturation by 10% instead.



■ 807787

■ 807787

FFFFFF

■ 675E6E

■ B5ABBC

■ 4F4755

■ D0C6D8

■ 38303E

■ EDE2F4

■ 221B28

■ 0D0014

■ 000000

■ 807787

■ 807787

■ 7A6A87

■ 868587

■ 745C87

■ 8C9287

6E4F87

92A087

684187

98AD87

623487

9EBB87

5D2687

A3C887

571987

A9D687

510B87

AFE387

4C0087

B5F187

# Harmonies

## Analogous

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



757A8B



807787



887580

# Triad

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



807787



86786A



657F7D

# Complementary

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



807787



7E8777

# Split Complementary

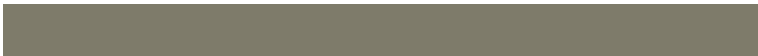
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



6B7F75



807787



7E7B6A

# Square

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



807787



8C766F



747D6D



657F85

# Rectangle

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



807787



8C747A



747D6D



677F7A



# Sweetspot

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



807787



ADA9B0



777E87



575559



D9D9D9



595959



# Same Dimension

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



807787



A597B0



877786



3F3C42



490082



010003



# Inverse Universe

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



87777E



B097A2



778778



423C3F



820039



030001



# Previews

## White Background



This preview shows how the Hex color 807787 looks on a white background.

## Color Contrast Check

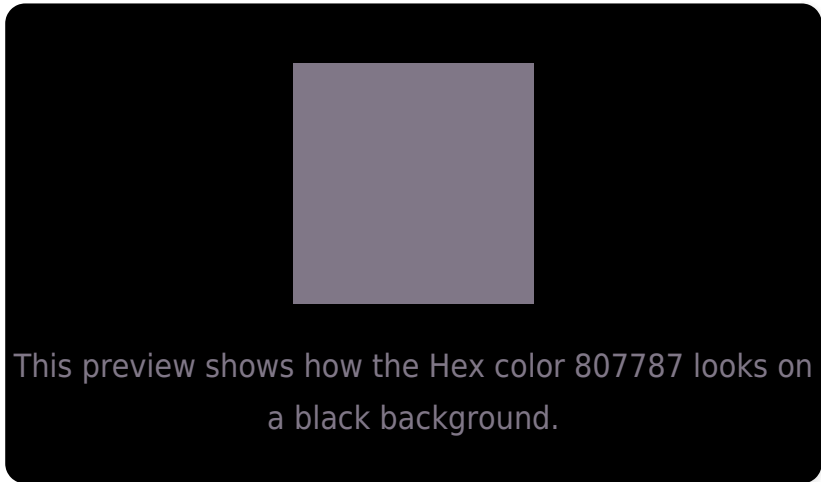
Large Text (above 18pt) WCAG AA ✓ Pass

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

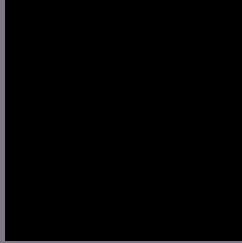
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 807787 Background



This preview shows how black text looks on a background with the Hex color 807787.



This preview shows how white text looks on a background with the Hex color 807787.

# 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**  
807787

**Protanopia**  
787988

**Deuteranopia**  
807787



**Tritanopia**  
7F7881

# Trichromacy



**Original Color**  
807787

**Protanomaly**  
7B7888

**Deuteranomaly**  
807787

**Tritanomaly**  
7F7883

# Monochromacy



**Original Color**  
807787

**Achromatopsia**  
7C7C7C

**Achromatomaly**  
7D7A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 807787 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 #807787 looks like.

```
.text, #text, p{  
    color:#807787  
}
```

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 #807787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #807787
}
```

## Border

The CSS property to change the border of an element to Hex 807787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

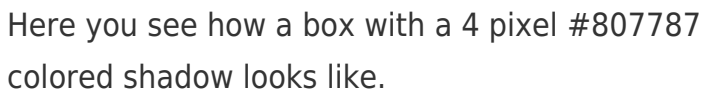
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#807787 }
```

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

```
.border{ border-color:#807787 }
```

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



Here you see how a box with a 4 pixel #807787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #807787; -webkit-box-shadow:4px 4px  
4px 4px #807787; box-shadow:4px 4px 4px  
4px #807787 }
```

# Background

The CSS property to change the background color of an element to Hex 807787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#807787 }
```

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

```
.background{ background-color:#807787 }
```

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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