

# Converting Colors

Hex(887686)

Have a look what the booklet for  
Hex(887686) contains.

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# Color

**Hex(887686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	887686
RGB	136, 118, 134
RGB Percent	53%, 46%, 53%
CMY	0.4667, 0.5373, 0.4745
CMYK	0.00, 0.13, 0.01, 0.47
HSL	307°, 7%, 50%
HSV	307°, 13%, 53%
XYZ	20.9349, 19.9123, 25.2943
YIQ	125.2060, 5.5920, 8.7920

# Conversions

## Conversions Part 2

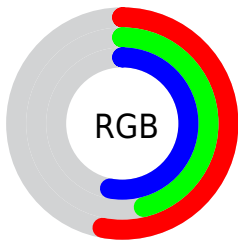
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 118, 134
Decimal	8943238
CIE Lab	51.74, 9.98, -6.16
CIE LCh	52, 11.730, 328.338
Yxy	19.9123, 0.3165, 0.3011
Android (android.graphics.Color)	4287133318 (0xFF887686)
YUV	125.2060, 4.3354, 9.4663
Hunter-Lab	44.6232, 5.6520, -2.3718

# Details

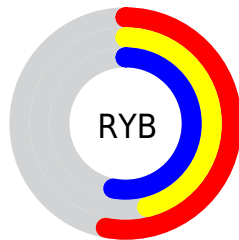
The Hex color **887686** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **768878**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BDAABB**, and **564654** is the 20% darker color. If you saturate the color by 10%, you get **886884**, and if you desaturate by 10%, it is **888488**.

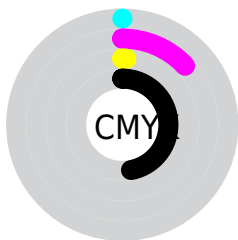
# Distribution



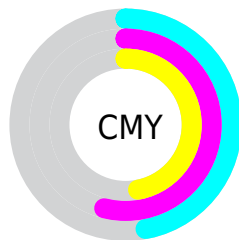
- Red (53%)
- Green (46%)
- Blue (53%)



- Red (53%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 887686 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 887686 by changing the saturation by 10% instead.



■ 887686

■ 887686

FFFFFF

■ 6F5D6D

■ BDAABB

■ 564654

■ D9C5D7

■ 3F2F3D

■ F6E1F3

■ 291A28

FFFEFF

■ 150013

■ 000000

■ 887686

■ 887686

■ 886884

■ 888488

■ 885B83

■ 889189

884D81

889F8B

884080

88AC8C

88327E

88BA8E

88247D

88C88F

88177B

88D591

88097A

88E392

880079

88F094

# Harmonies

## Analogous

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



7D798D



887686



8F747C

# Triad

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



887686



847A67



618184

# Complementary

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



887686



768878

# 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.



65817A



887686



797E6A

# Square

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



887686



8C776B



6E8071



657F8C

# Rectangle

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



887686



917575



6E8071



628181



# Sweetspot

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



887686



B0A9AF



787688



595559



D9D9D9



595959



# Same Dimension

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



887686



B094AD



88767D



453E44



850076



050005



# Inverse Universe

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



887686



B094AD



768881



453E44



850076

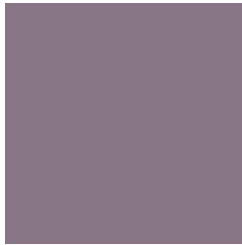


050005



# Previews

## White Background



This preview shows how the Hex color 887686 looks on a white background.

## Color Contrast Check

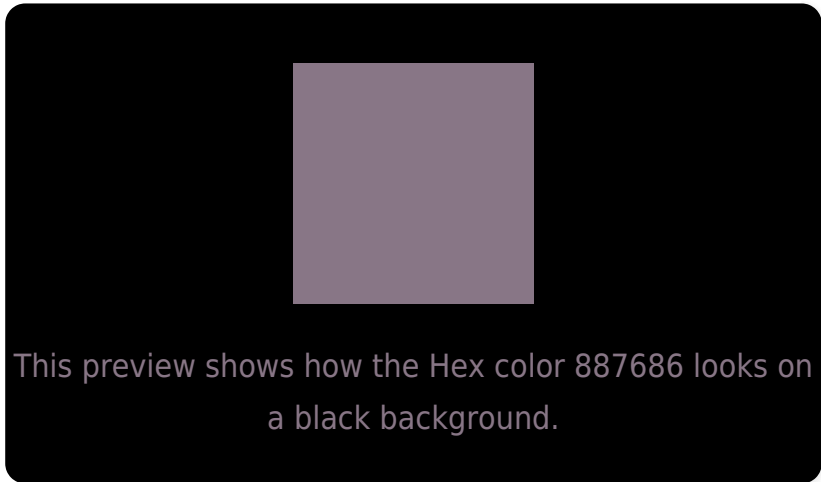
Large Text (above 18pt) WCAG AA ✓ Pass

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

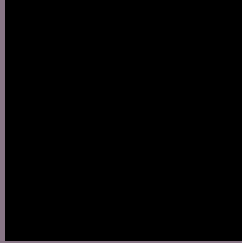
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 887686 Background



This preview shows how black text looks on a background with the Hex color 887686.



This preview shows how white text looks on a background with the Hex color 887686.

# 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**  
887686

**Protanopia**  
7A7B89

**Deuteranopia**  
837886



**Tritanopia**  
877780

# Trichromacy



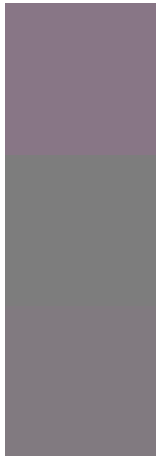
**Original Color**  
887686

**Protanomaly**  
7F7988

**Deuteranomaly**  
857786

**Tritanomaly**  
877782

# Monochromacy



**Original Color**  
887686

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
817A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 887686 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 #887686 looks like.

```
.text, #text, p{  
    color:#887686  
}
```

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 #887686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #887686  
}
```

## Border

The CSS property to change the border of an element to Hex 887686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

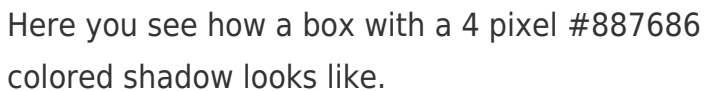
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#887686 }
```

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

```
.border{ border-color:#887686 }
```

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



Here you see how a box with a 4 pixel #887686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #887686; -webkit-box-shadow:4px 4px  
4px 4px #887686; box-shadow:4px 4px 4px  
4px #887686 }
```

# Background

The CSS property to change the background color of an element to Hex 887686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#887686 }
```

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

```
.background{ background-color:#887686 }
```

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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