

# Converting Colors

Hex(82887A)

Have a look what the booklet for  
Hex(82887A) contains.

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# Color

Hex(82887A)

# Conversions

## Conversions Part 1

Format	Color
Hex	82887A
RGB	130, 136, 122
RGB Percent	51%, 53%, 48%
CMY	0.4902, 0.4667, 0.5216
CMYK	0.04, 0.00, 0.10, 0.47
HSL	86°, 6%, 51%
HSV	86°, 10%, 53%
XYZ	21.5229, 23.7593, 21.8640
YIQ	132.6100, 0.9180, -5.6260

# Conversions

## Conversions Part 2

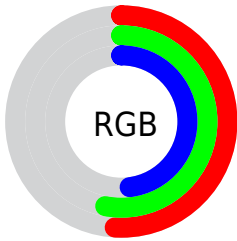
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 136, 128
Decimal	8554618
CIELab	55.85, -4.92, 6.76
CIELCh	56, 8.358, 126.072
Yxy	23.7593, 0.3205, 0.3538
Android (android.graphics.Color)	4286744698 (0xFF82887A)
YUV	132.6100, -5.2307, -2.2890
Hunter-Lab	48.7435, -6.4836, 7.5258

# Details

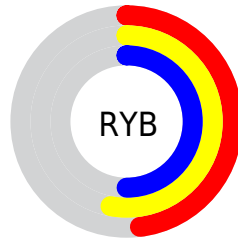
The Hex color **82887A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **807A88**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B7BDAE**, and **515649** is the 20% darker color. If you saturate the color by 10%, you get **7C886C**, and if you desaturate by 10%, it is **888888**.

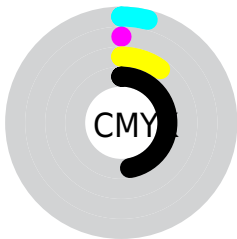
# Distribution



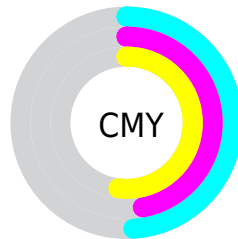
- Red (51%)
- Green (53%)
- Blue (48%)



- Red (48%)
- Yellow (53%)
- Blue (50%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (49%)
- Magenta (47%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82887A 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 82887A by changing the saturation by 10% instead.





82887A



82887A

FFFFFF



696F61



B7BDAE



515649



D3D9CA



3A3F33



EFF6E6



24291E



0F1505



000000



82887A



82887A



7C886C



888888



76885F



8E8895

 718851

 9388A3

 6B8844

 9988B0

 658836

 9F88BE

 5F8828

 A588CC

 59881B

 AB88D9

 53880D

 B188E7

 4E8800

 B688F4

# Harmonies

## Analogous

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



8A8677



82887A



7A8A80

# Triad

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



82887A



788893



958185

# Complementary

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



82887A



807A88

# 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.



91828C



82887A



808694

# Square

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



82887A



748A8E



898492



95827E

# Rectangle

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



82887A



768A85



898492



948187



# Sweetspot

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



82887A



AEB0AB



88807A



585956



D9D9D9



595959



# Same Dimension

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



82887A



A7B09B



7B887A



42453E



4C8500



030500



# Inverse Universe

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



807A88



A49BB0



877A88



413E45



390085

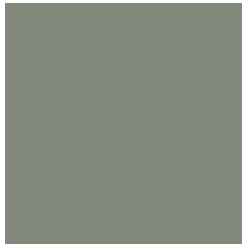


020005



# Previews

## White Background



This preview shows how the Hex color 82887A looks on a white background.

## Color Contrast Check

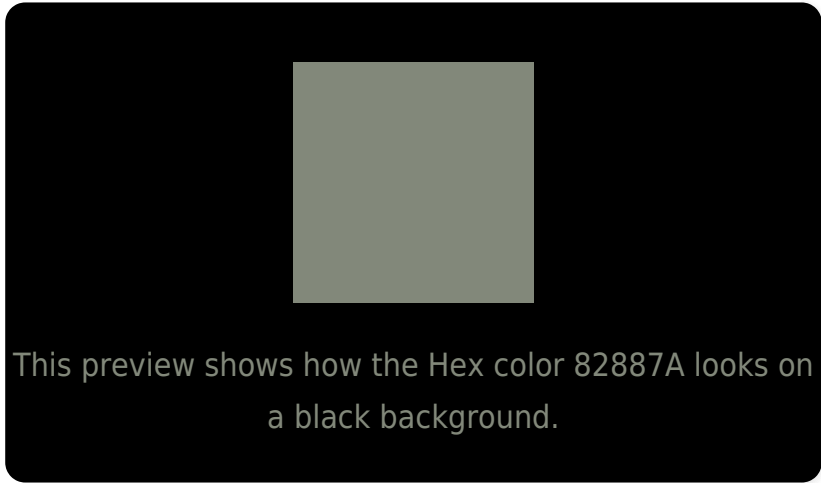
Large Text (above 18pt) WCAG AA ✓ Pass

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

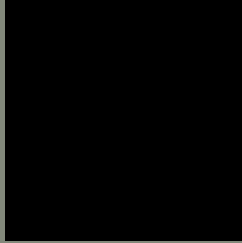
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

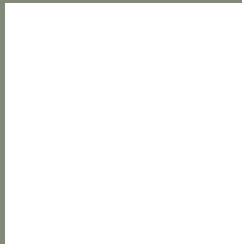
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82887A Background



This preview shows how black text looks on a background with the Hex color 82887A.



This preview shows how white text looks on a background with the Hex color 82887A.

# 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**


82887A

**Protanopia**

8B8579

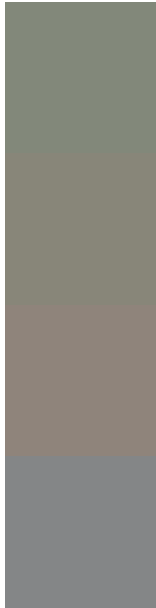
**Deuteranopia**

96817B



**Tritanopia**  
85858F

# Trichromacy



**Original Color**  
82887A

**Protanomaly**  
888679

**Deuteranomaly**  
8F847B

**Tritanomaly**  
848687

# Monochromacy



**Original Color**  
82887A

**Achromatopsia**  
858585

**Achromatomaly**  
848681

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82887A 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 #82887A looks like.

```
.text, #text, p{  
    color:#82887A  
}
```

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 #82887A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82887A
}
```

## Border

The CSS property to change the border of an element to Hex 82887A 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
#82887A }
```

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

```
.border{ border-color:#82887A }
```

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

Here you see how a box with a 4 pixel #82887A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82887A; -webkit-box-shadow:4px 4px  
4px 4px #82887A; box-shadow:4px 4px 4px  
4px #82887A }
```

# Background

The CSS property to change the background color of an element to Hex 82887A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82887A }
```

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

```
.background{ background-color:#82887A }
```

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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