

Converting Colors

Hex(86827A)

Have a look what the booklet for
Hex(86827A) contains.

Hex(86827A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86827A)

Conversions

Conversions Part 1

Format	Color
Hex	86827A
RGB	134, 130, 122
RGB Percent	53%, 51%, 48%
CMY	0.4745, 0.4902, 0.5216
CMYK	0.00, 0.03, 0.09, 0.47
HSL	40°, 5%, 50%
HSV	40°, 9%, 53%
XYZ	21.3270, 22.4387, 21.6194
YIQ	130.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

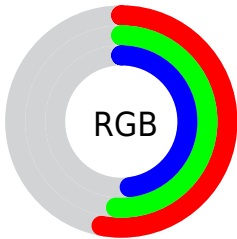
Format	Color
R_{YB}	128, 134, 122
Decimal	8815226
CIE _{Lab}	54.49, -0.00, 4.85
CIE _{LCh}	54, 4.855, 90.019
Yxy	22.4387, 0.3262, 0.3432
Android (android.graphics.Color)	4287005306 (0xFF86827A)
YUV	130.2840, -4.0840, 3.2589
Hunter-Lab	47.3695, -2.5314, 6.0988

Details

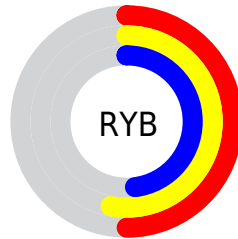
The Hex color **86827A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7A7E86**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **BBB7AE**, and **545149** is the 20% darker color. If you saturate the color by 10%, you get **867E6D**, and if you desaturate by 10%, it is **868687**.

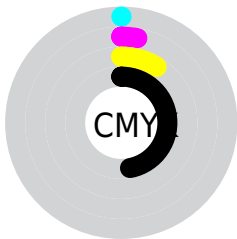
Distribution



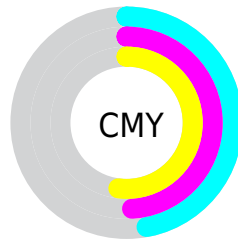
- Red (53%)
- Green (51%)
- Blue (48%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 86827A 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 86827A by changing the saturation by 10% instead.



86827A



86827A

FFFFFF



6D6961



BBB7AE



545149



D7D2CA



3D3A33



F3EFE6



27241E



130F05



000000



86827A



86827A



867E6D



868687



86795F



868B95

 867552

 868FA2

 867044

 8694B0

 866C37

 8698BD

 86672A

 869DCA

 86631C

 86A1D8

 865E0F

 86A6E5

 865A01

 86AAF3

Harmonies

Analogous

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



8A817B



86827A



81837B

Triad

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



86827A



788586



888087

Complementary

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



86827A



7A7E86

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.



83818A



86827A



7A8489

Square

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



86827A



798582



7E838B



8B8082

Rectangle

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



86827A



7E847D



7E838B



878088

Sweetspot

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



86827A



ADACA8



867A7E



575653



D6D6D6



575757

Same Dimension

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



86827A



ADA79A



84867A



42403C



825700



030200

Inverse Universe

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



7A7E86



9AA1AD



7C7A86



3C3E42



002B82



000103

Previews

White Background



This preview shows how the Hex color 86827A looks on a white background.

Color Contrast Check

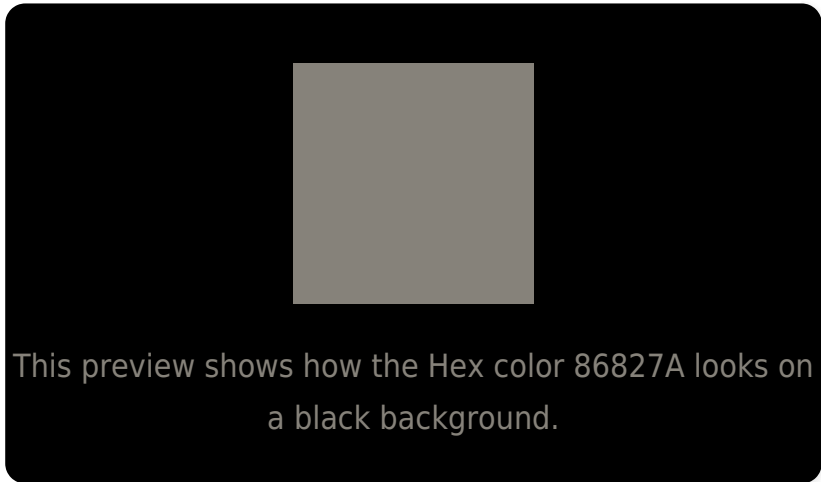
Large Text (above 18pt) WCAG AA ✓ Pass

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

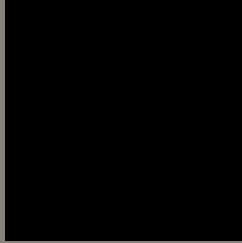
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

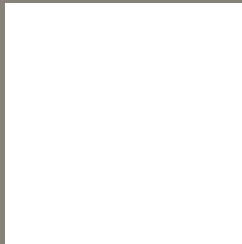
Any Text WCAG AAA × Fail

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

Hex 86827A Background



This preview shows how black text looks on a background with the Hex color 86827A.



This preview shows how white text looks on a background with the Hex color 86827A.

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

86827A

Protanopia

87827A

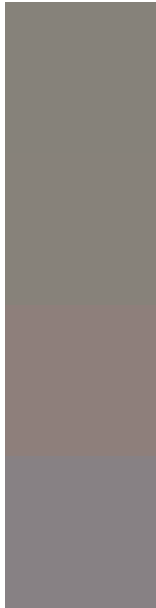
Deuteranopia

927E7B



Tritanopia
88808A

Trichromacy



Original Color
86827A

Protanomaly
87827A

Deuteranomaly
8E7F7B

Tritanomaly
878184

Monochromacy



Original Color
86827A

Achromatopsia
828282

Achromatomaly
83827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 86827A 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 #86827A looks like.

```
.text, #text, p{  
    color:#86827A  
}
```

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 #86827A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86827A
}
```

Border

The CSS property to change the border of an element to Hex 86827A 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
#86827A }
```

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

```
.border{ border-color:#86827A }
```

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

Here you see how a box with a 4 pixel #86827A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86827A; -webkit-box-shadow:4px 4px  
4px 4px #86827A; box-shadow:4px 4px 4px  
4px #86827A }
```

Background

The CSS property to change the background color of an element to Hex 86827A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86827A }
```

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

```
.background{ background-color:#86827A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor