

Converting Colors

Hex(89727A)

Have a look what the booklet for
Hex(89727A) contains.

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Color

Hex(89727A)

Conversions

Conversions Part 1

Format	Color
Hex	89727A
RGB	137, 114, 122
RGB Percent	54%, 45%, 48%
CMY	0.4627, 0.5529, 0.5216
CMYK	0.00, 0.17, 0.11, 0.46
HSL	339°, 9%, 49%
HSV	339°, 17%, 54%
XYZ	19.8467, 18.7581, 20.9870
YIQ	121.7890, 11.1400, 7.3640

Conversions

Conversions Part 2

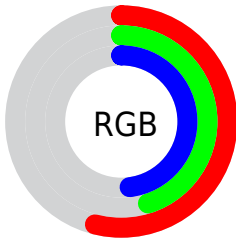
Format	Color
R_{YB}	137, 114, 122
Decimal	9007738
CIE _{Lab}	50.40, 10.41, -1.04
CIE _{LCh}	50, 10.465, 354.288
Yxy	18.7581, 0.3330, 0.3148
Android (android.graphics.Color)	4287197818 (0xFF89727A)
YUV	121.7890, 0.1040, 13.3400
Hunter-Lab	43.3107, 6.0022, 1.5874

Details

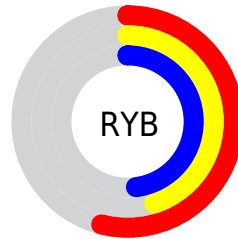
The Hex color **89727A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **728981**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **BFA6AE**, and **574249** is the 20% darker color. If you saturate the color by 10%, you get **896471**, and if you desaturate by 10%, it is **898083**.

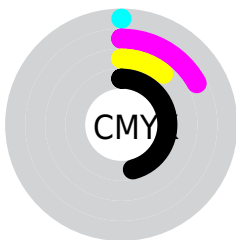
Distribution



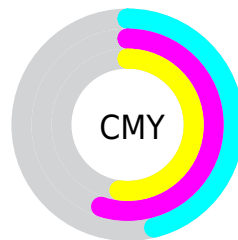
- Red (54%)
- Green (45%)
- Blue (48%)



- Red (54%)
- Yellow (45%)
- Blue (48%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (46%)



- Cyan (46%)
- Magenta (55%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89727A 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 89727A by changing the saturation by 10% instead.



89727A



89727A

FFFFFF



6F5961



BFA6AE



574249



DAC1CA



3F2C33



F7DDE6



29171E



FFFAFF



170004



000000



89727A



89727A



896471



898083



895768



898D8C

89495F

899B95

893B56

89A99E

892E4D

89B7A7

892044

89C4B0

89123B

89D2B9

890433

89E0C1

890030

89EDCA

Harmonies

Analogous

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



827482



89727A



8B7271

Triad

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



89727A



777A68



647C86

Complementary

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



89727A



728981

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.



617D7F



89727A



6D7C6D

Square

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



89727A



817766



657D76



6C7989

Rectangle

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



89727A



8A736C



657D76



627C84

Sweetspot

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



89727A



B3AAAD



817289



595456



D9D9D9



595959

Same Dimension

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



89727A



B38F9B



897572



453E40



85002E



050002

Inverse Universe

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



89727A



B38F9B



728689



453E40



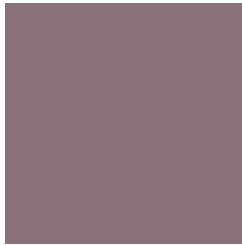
85002E



050002

Previews

White Background



This preview shows how the Hex color 89727A looks on a white background.

Color Contrast Check

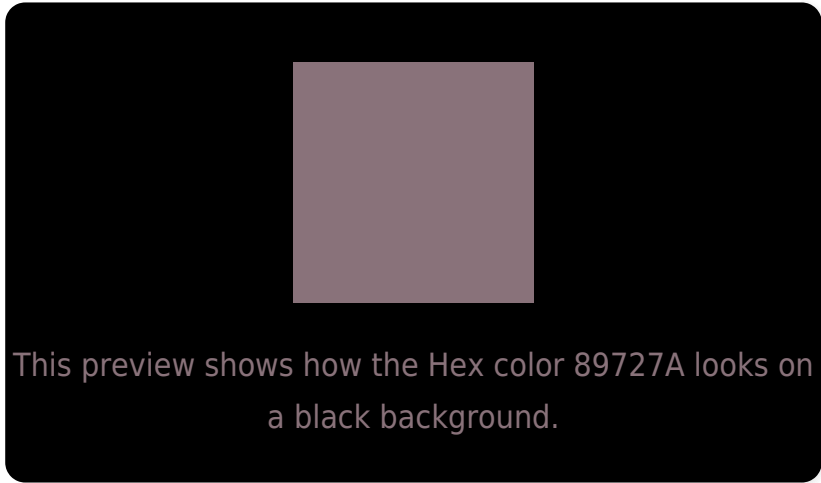
Large Text (above 18pt) WCAG AA ✓ Pass

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

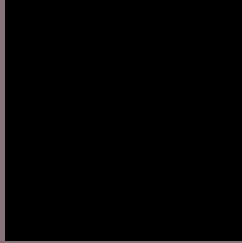
Any Text WCAG AA ✓ Pass

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 89727A Background



This preview shows how black text looks on a background with the Hex color 89727A.



This preview shows how white text looks on a background with the Hex color 89727A.

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
89727A

Protanopia
79777D

Deuteranopia
83747A



Tritanopia
89727B

Trichromacy



Original Color
89727A

Protanomaly
7F757C

Deuteranomaly
85737A

Tritanomaly
89727B

Monochromacy



Original Color
89727A

Achromatopsia
7A7A7A

Achromatomaly
7F777A

CSS Examples

Text

The CSS property to change the color of the text to Hex 89727A 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 #89727A looks like.

```
.text, #text, p{  
    color:#89727A  
}
```

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 #89727A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89727A
}
```

Border

The CSS property to change the border of an element to Hex 89727A is called "border". The border property can be set on classes, ids or directly on the HTML element.

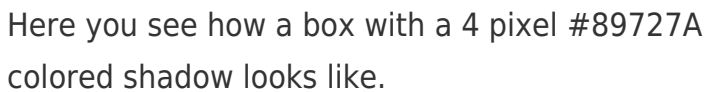
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89727A }
```

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

```
.border{ border-color:#89727A }
```

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



Here you see how a box with a 4 pixel #89727A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89727A; -webkit-box-shadow:4px 4px  
4px 4px #89727A; box-shadow:4px 4px 4px  
4px #89727A }
```

Background

The CSS property to change the background color of an element to Hex 89727A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89727A }
```

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

```
.background{ background-color:#89727A }
```

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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