

Converting Colors

Hex(947E8A)

Have a look what the booklet for
Hex(947E8A) contains.

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Color

Hex(947E8A)

Conversions

Conversions Part 1

Format	Color
Hex	947E8A
RGB	148, 126, 138
RGB Percent	58%, 49%, 54%
CMY	0.4196, 0.5059, 0.4588
CMYK	0.00, 0.15, 0.07, 0.42
HSL	327°, 9%, 54%
HSV	327°, 15%, 58%
XYZ	24.2610, 23.0526, 27.2157
YIQ	133.9460, 9.2600, 8.3960

Conversions

Conversions Part 2

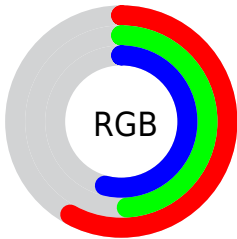
Format	Color
RYB	148, 126, 138
Decimal	9731722
CIELab	55.13, 10.59, -3.35
CIELCh	55, 11.109, 342.437
Yxy	23.0526, 0.3255, 0.3093
Android (android.graphics.Color)	4287921802 (0xFF947E8A)
YUV	133.9460, 1.9986, 12.3254
Hunter-Lab	48.0131, 6.1732, 0.0014

Details

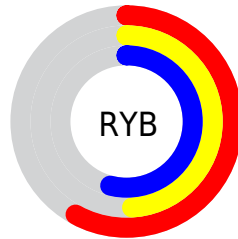
The Hex color **947E8A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E9488**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **CAB3BF**, and **614D58** is the 20% darker color. If you saturate the color by 10%, you get **946F83**, and if you desaturate by 10%, it is **948D91**.

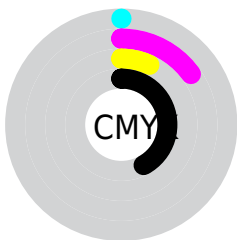
Distribution



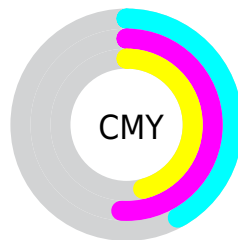
- Red (58%)
- Green (49%)
- Blue (54%)



- Red (58%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947E8A 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 947E8A by changing the saturation by 10% instead.

■ 947E8A

■ 947E8A

FFFFFF

■ 7A6571

■ CAB3BF

■ 614D58

■ E6CEDB

■ 493641

■ FFEAF8

■ 32212B

■ 1E0B17

■ 000000

■ 947E8A

■ 947E8A

■ 946F83

■ 948D91

■ 94607D

■ 949C97

945276

94AA9E

94436F

94B9A5

943468

94C8AC

942562

94D7B2

94165B

94E6B9

940854

94F4C0

940051

94FFC7

Harmonies

Analogous

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



8B8092



947E8A



987D80

Triad

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



947E8A



888571



6C8991

Complementary

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



947E8A



7E9488

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.



6C8A88



947E8A



7C8776

Square

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



947E8A



918172



72897E



738796

Rectangle

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



947E8A



987E7A



72897E



6B898E

Sweetspot

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



947E8A



BFB8BC



887E94



615C5F



E0E0E0



616161

Same Dimension

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



947E8A



BF9DB0



947E7F



4A4347



8A004B



0A0006

Inverse Universe

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



947E8A



BF9DB0



7E9493



4A4347



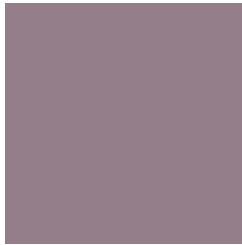
8A004B



0A0006

Previews

White Background



This preview shows how the Hex color 947E8A looks on a white background.

Color Contrast Check

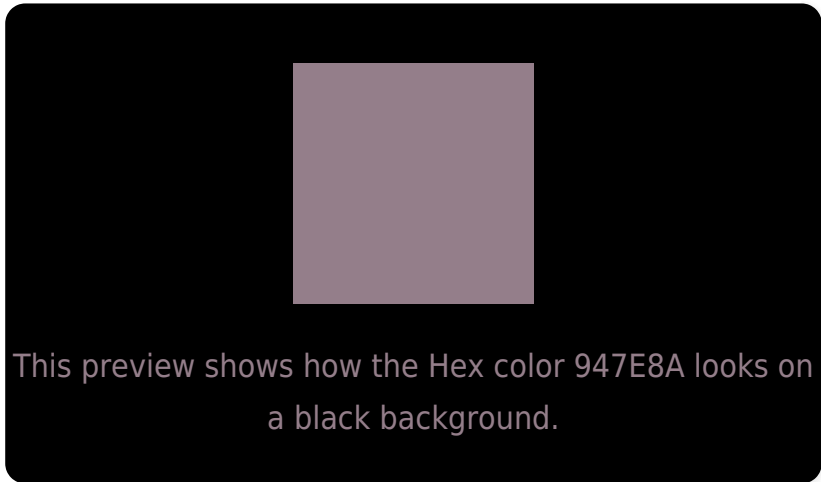
Large Text (above 18pt) WCAG AA ✓ Pass

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

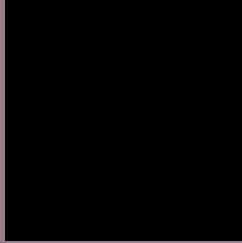
Any Text WCAG AA ✓ Pass

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 947E8A Background



This preview shows how black text looks on a background with the Hex color 947E8A.



This preview shows how white text looks on a background with the Hex color 947E8A.

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
947E8A

Protanopia
84838D

Deuteranopia
8E808A



Tritanopia
947E88

Trichromacy



Original Color
947E8A

Protanomaly
8A818C

Deuteranomaly
907F8A

Tritanomaly
947E89

Monochromacy



Original Color
947E8A

Achromatopsia
868686

Achromatomaly
8B8387

CSS Examples

Text

The CSS property to change the color of the text to Hex 947E8A 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 #947E8A looks like.

```
.text, #text, p{  
    color:#947E8A  
}
```

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 #947E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947E8A
}
```

Border

The CSS property to change the border of an element to Hex 947E8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

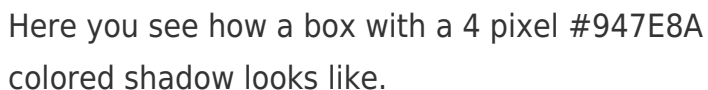
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947E8A }
```

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

```
.border{ border-color:#947E8A }
```

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



Here you see how a box with a 4 pixel #947E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947E8A; -webkit-box-shadow:4px 4px  
4px 4px #947E8A; box-shadow:4px 4px 4px  
4px #947E8A }
```

Background

The CSS property to change the background color of an element to Hex 947E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947E8A }
```

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

```
.background{ background-color:#947E8A }
```

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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