

# Converting Colors

Hex(947B7E)

Have a look what the booklet for  
Hex(947B7E) contains.

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**Color**

**Hex(947B7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947B7E
RGB	148, 123, 126
RGB Percent	58%, 48%, 49%
CMY	0.4196, 0.5176, 0.5059
CMYK	0.00, 0.17, 0.15, 0.42
HSL	353°, 10%, 53%
HSV	353°, 17%, 58%
XYZ	23.0616, 21.9682, 22.7635
YIQ	130.8170, 13.9370, 6.2330

# Conversions

## Conversions Part 2

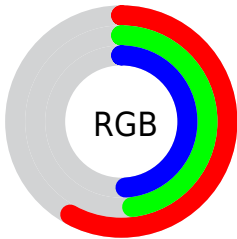
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 123, 126
Decimal	9730942
CIE <sub>Lab</sub>	53.99, 10.16, 1.98
CIE <sub>LCh</sub>	54, 10.351, 11.008
Yxy	21.9682, 0.3402, 0.3240
Android (android.graphics.Color)	4287921022 (0xFF947B7E)
YUV	130.8170, -2.3748, 15.0695
Hunter-Lab	46.8702, 5.8046, 4.0138

# Details

The Hex color **947B7E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **7B9491**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **CAB0B3**, and **614A4D** is the 20% darker color. If you saturate the color by 10%, you get **946C71**, and if you desaturate by 10%, it is **948A8B**.

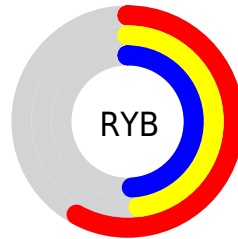
# Distribution



Red (58%)

Green (48%)

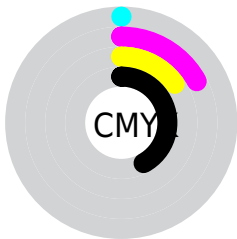
Blue (49%)



Red (58%)

Yellow (48%)

Blue (49%)

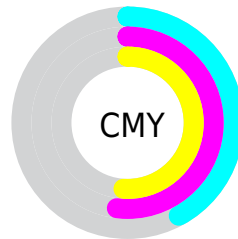


Cyan (0%)

Magenta (17%)

Yellow (15%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 947B7E 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 947B7E by changing the saturation by 10% instead.



 947B7E

 947B7E

FFFFFF

 7A6265

 CAB0B3

 614A4D

 E7CBCE

 493436

 FFE7EA

 321E21

 1E060A

 000000

 947B7E

 947B7E

 946C71

 948A8B

 945D64

 949998

 944F57

 94A7A5

 94404A

 94B6B2

 94313D

 94C5BF


 942230

 94D4CC

 941323

 94E3D9

 940516

 94F1E6

 940012

 94FFF3

# Harmonies

## Analogous

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



907C87



947B7E



937C76

# Triad

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



947B7E



7B8473



718492

# Complementary

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



947B7E



7B9491

# 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.



6B868C



947B7E



71867B

# Square

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



947B7E



858170



6B8684



7C8192

# Rectangle

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



947B7E



907E72



6B8684



6F8490



# Sweetspot

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



947B7E



BFB6B7



917B94



615B5C



E0E0E0



616161



# Same Dimension

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



947B7E



BF999E



94847B



4A4343



8A0011



0A0001



# Inverse Universe

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



947B7E



BF999E



7B8B94



4A4343



8A0011



0A0001



# Previews

## White Background



This preview shows how the Hex color 947B7E looks on a white background.

## Color Contrast Check

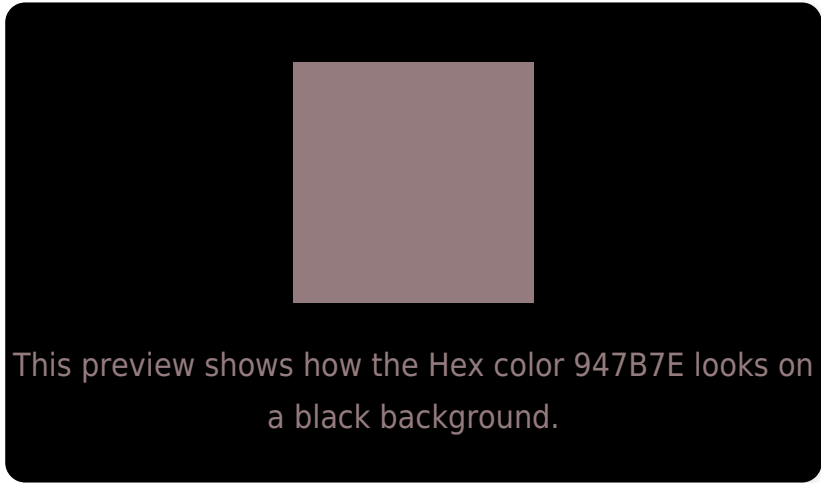
Large Text (above 18pt) WCAG AA ✓ Pass

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

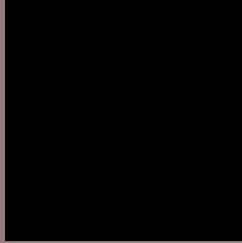
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 947B7E Background



This preview shows how black text looks on a background with the Hex color 947B7E.



This preview shows how white text looks on a background with the Hex color 947B7E.

# 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**  
947B7E

**Protanopia**  
838181

**Deuteranopia**  
8F7D7E



**Tritanopia**  
957A84

# Trichromacy



**Original Color**  
947B7E

**Protanomaly**  
897F80

**Deuteranomaly**  
917C7E

**Tritanomaly**  
957A82

# Monochromacy



**Original Color**  
947B7E

**Achromatopsia**  
838383

**Achromatomaly**  
898081

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 947B7E 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 #947B7E looks like.

```
.text, #text, p{  
    color:#947B7E  
}
```

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 #947B7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947B7E
}
```

## Border

The CSS property to change the border of an element to Hex 947B7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

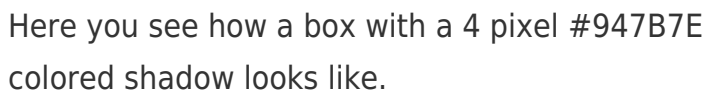
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947B7E }
```

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

```
.border{ border-color:#947B7E }
```

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



Here you see how a box with a 4 pixel #947B7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947B7E; -webkit-box-shadow:4px 4px  
4px 4px #947B7E; box-shadow:4px 4px 4px  
4px #947B7E }
```

# Background

The CSS property to change the background color of an element to Hex 947B7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947B7E }
```

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

```
.background{ background-color:#947B7E }
```

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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