

# Converting Colors

Hex(94627A)

Have a look what the booklet for  
Hex(94627A) contains.

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**Color**

**Hex(94627A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94627A
RGB	148, 98, 122
RGB Percent	58%, 38%, 48%
CMY	0.4196, 0.6157, 0.5216
CMYK	0.00, 0.34, 0.18, 0.42
HSL	331°, 20%, 48%
HSV	331°, 34%, 58%
XYZ	20.0933, 16.4364, 20.5259
YIQ	115.6860, 22.0960, 18.0640

# Conversions

## Conversions Part 2

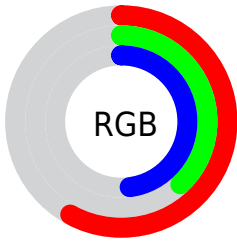
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 98, 122
Decimal	9724538
CIE Lab	47.54, 23.97, -5.12
CIE LCh	48, 24.510, 347.937
Yxy	16.4364, 0.3522, 0.2881
Android (android.graphics.Color)	4287914618 (0xFF94627A)
YUV	115.6860, 3.1128, 28.3394
Hunter-Lab	40.5418, 17.5197, -1.6386

# Details

The Hex color **94627A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62947C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **CB95AE**, and **603249** is the 20% darker color. If you saturate the color by 10%, you get **945372**, and if you desaturate by 10%, it is **947182**.

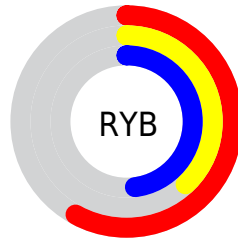
# Distribution



Red (58%)

Green (38%)

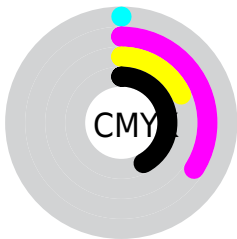
Blue (48%)



Red (58%)

Yellow (38%)

Blue (48%)

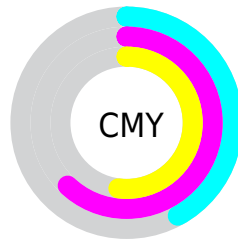


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94627A 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 94627A by changing the saturation by 10% instead.



 94627A

 94627A

FFFFFF

 7A4A61

 CB95AE

 603249

 E7B0CA

 471C33

 FFCCE6

 30051E

 FFE8FF

 1A0003

 000000

 94627A

 94627A

 945372

 947182

 94446B

 948089

943663

948E91

94275B

949D99

941854

94ACA0

94094C

94BBA8

940047

94CAB0

94D8B8

94E7BF

# Harmonies

## Analogous

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



83678D



94627A



9A6265

# Triad

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



94627A



727349



2D7A8F

# Complementary

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



94627A



62947C

# 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.



2D7C7D



94627A



5B7955

# Square

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



94627A



866D49



427B67



487599

# Rectangle

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



94627A



976458



427B67



297B89



# Sweetspot

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



94627A



BFACB5



7C6294



61555B



E0E0E0



616161



# Same Dimension

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



94627A



BF7196



946362



4A4346



8A0042



0A0005



# Inverse Universe

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



94627A



BF7196



629394



4A4346



8A0042

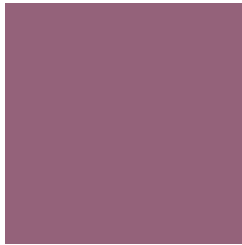


0A0005



# Previews

## White Background



This preview shows how the Hex color 94627A looks on a white background.

## Color Contrast Check

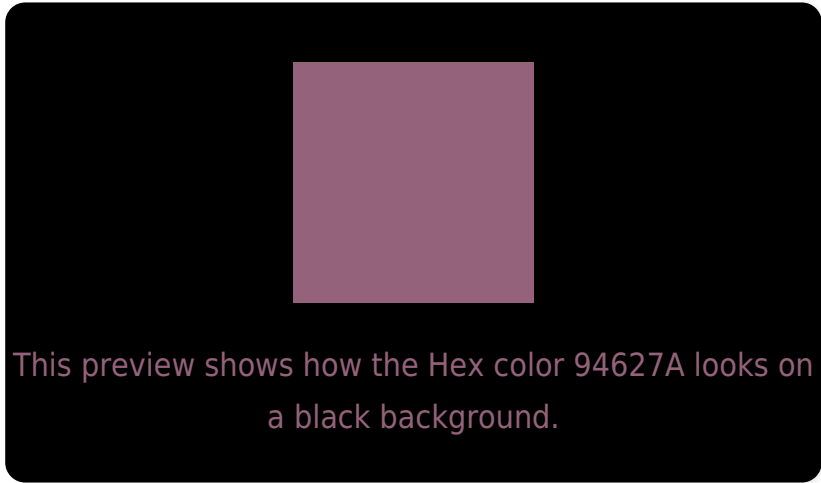
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 94627A Background



This preview shows how black text looks on a background with the Hex color 94627A.



This preview shows how white text looks on a background with the Hex color 94627A.

# 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**  
94627A

**Protanopia**  
6E7083

**Deuteranopia**  
796E78



**Tritanopia**  
92646C

# Trichromacy



**Original Color**

94627A

**Protanomaly**

7C6B80

**Deuteranomaly**

836A79

**Tritanomaly**

936371

# Monochromacy



**Original Color**

94627A

**Achromatopsia**

747474

**Achromatomaly**

806D76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94627A 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 #94627A looks like.

```
.text, #text, p{  
    color:#94627A  
}
```

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 #94627A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94627A
}
```

## Border

The CSS property to change the border of an element to Hex 94627A is called "border". The border property can be set on classes, ids or directly on the HTML element.

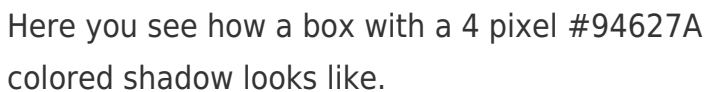
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94627A }
```

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

```
.border{ border-color:#94627A }
```

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



Here you see how a box with a 4 pixel #94627A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94627A; -webkit-box-shadow:4px 4px  
4px 4px #94627A; box-shadow:4px 4px 4px  
4px #94627A }
```

# Background

The CSS property to change the background color of an element to Hex 94627A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94627A }
```

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

```
.background{ background-color:#94627A }
```

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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