

Converting Colors

Hex(94617C)

Have a look what the booklet for
Hex(94617C) contains.

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Color

Hex(94617C)

Conversions

Conversions Part 1

Format	Color
Hex	94617C
RGB	148, 97, 124
RGB Percent	58%, 38%, 49%
CMY	0.4196, 0.6196, 0.5137
CMYK	0.00, 0.34, 0.16, 0.42
HSL	328°, 21%, 48%
HSV	328°, 34%, 58%
XYZ	20.1255, 16.3005, 21.1544
YIQ	115.3270, 21.7290, 19.2090

Conversions

Conversions Part 2

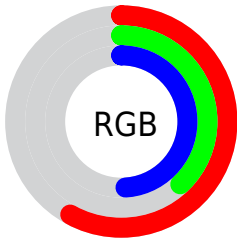
Format	Color
R_{YB}	148, 97, 124
Decimal	9724284
CIE _{Lab}	47.37, 24.89, -6.58
CIE _{LCh}	47, 25.741, 345.181
Yxy	16.3005, 0.3495, 0.2831
Android (android.graphics.Color)	4287914364 (0xFF94617C)
YUV	115.3270, 4.2758, 28.6542
Hunter-Lab	40.3739, 18.3241, -2.8039

Details

The Hex color **94617C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **619479**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CB94B1**, and **60314B** is the 20% darker color. If you saturate the color by 10%, you get **945275**, and if you desaturate by 10%, it is **947083**.

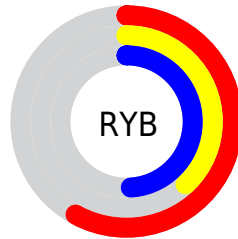
Distribution



Red (58%)

Green (38%)

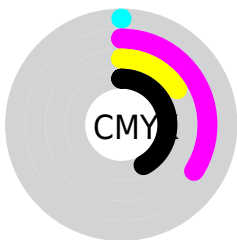
Blue (49%)



Red (58%)

Yellow (38%)

Blue (49%)

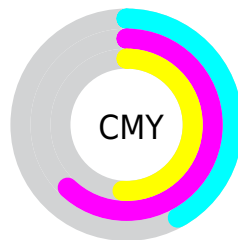


Cyan (0%)

Magenta (34%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94617C 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 94617C by changing the saturation by 10% instead.

■ 94617C

■ 94617C

FFFFFF

■ 7A4963

■ CB94B1

■ 60314B

■ E7AFCC

■ 471B35

■ FFCBE8

■ 30041F

■ FFE7FF

■ 190006

■ 000000

■ 94617C

■ 94617C

■ 945275

■ 947083

■ 94436E

■ 947F8A

943567

948D91

942660

949C98

941759

94AB9F

940852

94BAA6

94004E

94C9AD

94D7B4

94E6BB

Harmonies

Analogous

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



81678F



94617C



9B6066

Triad

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



94617C



747346



247A8E

Complementary

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



94617C



619479

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.



277C7B



94617C



5C7851

Square

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



94617C



886B47



417B65



41769A

Rectangle

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



94617C



996258



417B65



207B89

Sweetspot

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



94617C



BFACB6



796194



61555B



E0E0E0



616161

Same Dimension

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



94617C



BF719A



946163



4A4346



8A0049



0A0005

Inverse Universe

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



94617C



BF719A



619492



4A4346



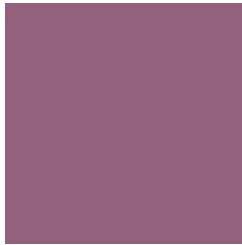
8A0049



0A0005

Previews

White Background



This preview shows how the Hex color 94617C looks on a white background.

Color Contrast Check

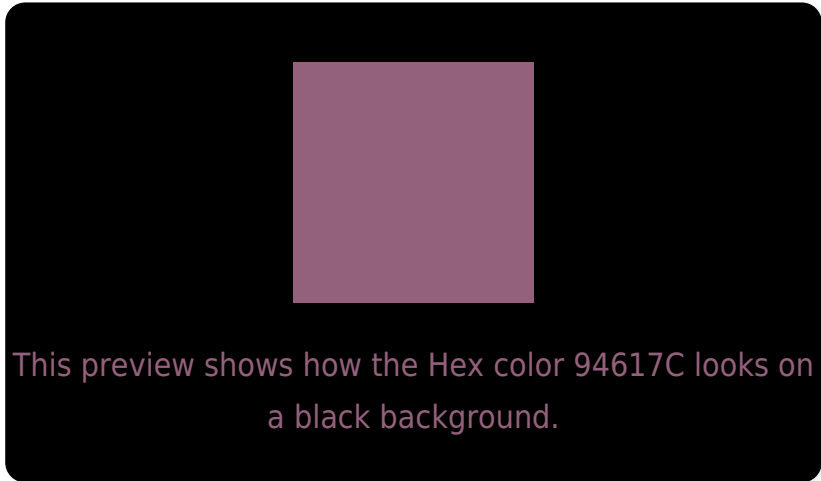
Large Text (above 18pt) WCAG AA ✓ Pass

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

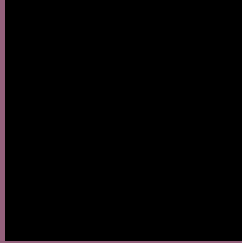
Any Text WCAG AA × Fail

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 94617C Background



This preview shows how black text looks on a background with the Hex color 94617C.



This preview shows how white text looks on a background with the Hex color 94617C.

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
94617C

Protanopia
6C7086

Deuteranopia
776E7A



Tritanopia
92646C

Trichromacy



Original Color
94617C

Protanomaly
7B6B82

Deuteranomaly
82697B

Tritanomaly
936372

Monochromacy



Original Color
94617C

Achromatopsia
737373

Achromatomaly
7F6C76

CSS Examples

Text

The CSS property to change the color of the text to Hex 94617C 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 #94617C looks like.

```
.text, #text, p{  
    color:#94617C  
}
```

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 #94617C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94617C
}
```

Border

The CSS property to change the border of an element to Hex 94617C is called "border". The border property can be set on classes, ids or directly on the HTML element.

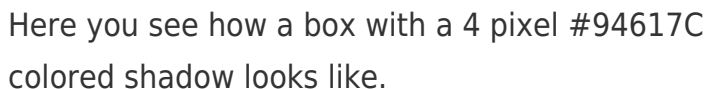
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94617C }
```

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

```
.border{ border-color:#94617C }
```

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



Here you see how a box with a 4 pixel #94617C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94617C; -webkit-box-shadow:4px 4px  
4px 4px #94617C; box-shadow:4px 4px 4px  
4px #94617C }
```

Background

The CSS property to change the background color of an element to Hex 94617C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94617C }
```

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

```
.background{ background-color:#94617C }
```

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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