

Converting Colors

Hex(93677C)

Have a look what the booklet for
Hex(93677C) contains.

Hex(93677C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93677C)

Conversions

Conversions Part 1

Format	Color
Hex	93677C
RGB	147, 103, 124
RGB Percent	58%, 40%, 49%
CMY	0.4235, 0.5961, 0.5137
CMYK	0.00, 0.30, 0.16, 0.42
HSL	331°, 18%, 49%
HSV	331°, 30%, 58%
XYZ	20.5210, 17.3588, 21.3378
YIQ	118.5500, 19.4830, 15.8590

Conversions

Conversions Part 2

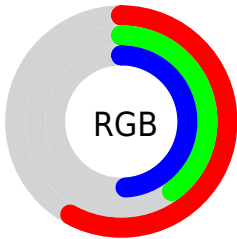
Format	Color
R_{YB}	147, 103, 124
Decimal	9660284
CIE _{Lab}	48.71, 21.04, -4.60
CIE _{LCh}	49, 21.535, 347.659
Yxy	17.3588, 0.3465, 0.2931
Android (android.graphics.Color)	4287850364 (0xFF93677C)
YUV	118.5500, 2.6869, 24.9507
Hunter-Lab	41.6639, 15.0059, -1.2002

Details

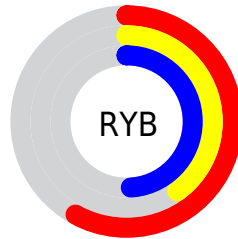
The Hex color **93677C** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67937E**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **CA9BB0**, and **5F374B** is the 20% darker color. If you saturate the color by 10%, you get **935874**, and if you desaturate by 10%, it is **937684**.

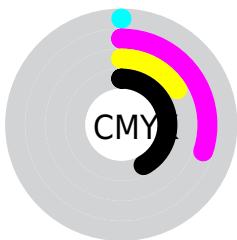
Distribution



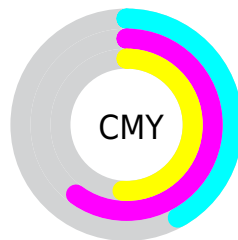
- Red (58%)
- Green (40%)
- Blue (49%)



- Red (58%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93677C 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 93677C by changing the saturation by 10% instead.

■ 93677C

■ 93677C

FFFFFF

■ 794F63

■ CA9BB0

■ 5F374B

■ E6B5CC

■ 472135

■ FFD1E8

■ 300B1F

■ FFEEFF

■ 1C0006

■ 000000

■ 93677C

■ 93677C

■ 935874

■ 937684

■ 934A6D

■ 93848B

933B65

939393

932C5D

93A29B

931E56

93B1A2

930F4E

93BFAA

930046

93CEB2

93DDB9

93EBC1

Harmonies

Analogous

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



836B8C



93677C



986769

Triad

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



93677C



767651



3E7C8E

Complementary

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



93677C



67937E

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.



3D7E7E



93677C



617B5B

Square

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



93677C



887050



4C7D6B



527897

Rectangle

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



93677C



97695E



4C7D6B



3B7D89

Sweetspot

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



93677C



BFAEB6



7E6793



61565B



E0E0E0



616161

Same Dimension

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



93677C



BF7A9B



936867



4A4346



8A0042



0A0005

Inverse Universe

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



93677C



BF7A9B



679293



4A4346



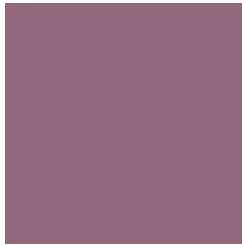
8A0042



0A0005

Previews

White Background



This preview shows how the Hex color 93677C looks on a white background.

Color Contrast Check

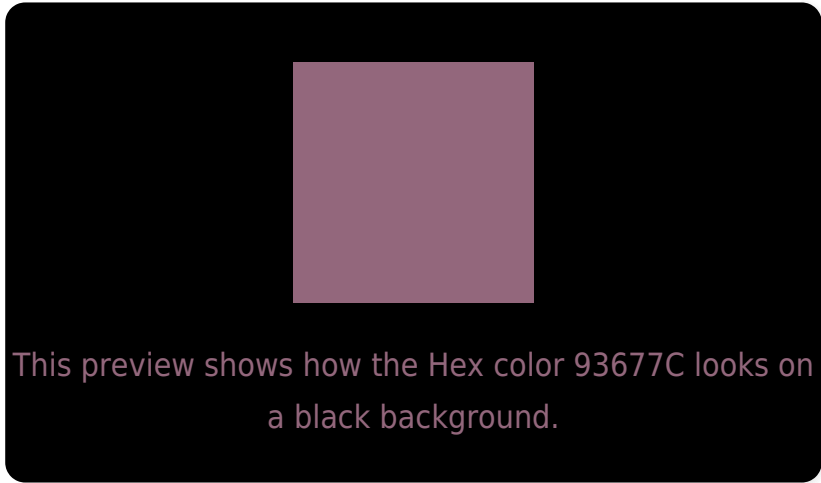
Large Text (above 18pt) WCAG AA ✓ Pass

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

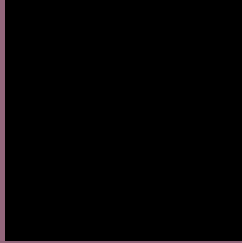
Any Text WCAG AA × Fail

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 93677C Background



This preview shows how black text looks on a background with the Hex color 93677C.




This preview shows how white text looks on a background with the Hex color 93677C.

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





Tritanopia
926971

Trichromacy



Original Color
93677C

Protanomaly
7D6F81

Deuteranomaly
846D7B

Tritanomaly
926875

Monochromacy



Original Color
93677C

Achromatopsia
777777

Achromatomaly
817179

CSS Examples

Text

The CSS property to change the color of the text to Hex 93677C 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 #93677C looks like.

```
.text, #text, p{  
    color:#93677C  
}
```

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 #93677C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93677C
}
```

Border

The CSS property to change the border of an element to Hex 93677C is called "border". The border property can be set on classes, ids or directly on the HTML element.

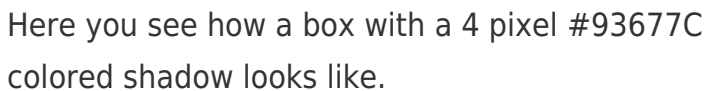
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#93677C }
```

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

```
.border{ border-color:#93677C }
```

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



Here you see how a box with a 4 pixel #93677C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93677C; -webkit-box-shadow:4px 4px  
4px 4px #93677C; box-shadow:4px 4px 4px  
4px #93677C }
```

Background

The CSS property to change the background color of an element to Hex 93677C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93677C }
```

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

```
.background{ background-color:#93677C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor