

Converting Colors

Hex(934C7E)

Have a look what the booklet for
Hex(934C7E) contains.

| | |
|--|----|
| Hex(934C7E) | 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(934C7E)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 934C7E |
| RGB | 147, 76, 126 |
| RGB Percent | 58%, 30%, 49% |
| CMY | 0.4235, 0.7020, 0.5059 |
| CMYK | 0.00, 0.48, 0.14, 0.42 |
| HSL | 318°, 32%, 44% |
| HSV | 318°, 48%, 58% |
| XYZ | 18.3830, 12.8783, 21.2555 |
| YIQ | 102.9290, 26.2660, 30.6020 |

Conversions

Conversions Part 2

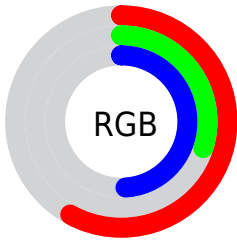
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 76, 126 |
| Decimal | 9653374 |
| CIE _{Lab} | 42.58, 36.66, -15.02 |
| CIE _{LCh} | 43, 39.615, 337.717 |
| Yxy | 12.8783, 0.3500, 0.2452 |
| Android (android.graphics.Color) | 4287843454 (0xFF934C7E) |
| YUV | 102.9290, 11.3740, 38.6503 |
| Hunter-Lab | 35.8863, 28.6365, -9.9971 |

Details

The Hex color **934C7E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4C9361**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CB7FB3**, and **5E1A4D** is the 20% darker color. If you saturate the color by 10%, you get **933D7A**, and if you desaturate by 10%, it is **935B82**.

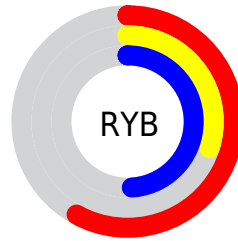
Distribution



Red (58%)

Green (30%)

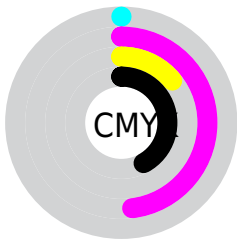
Blue (49%)



Red (58%)

Yellow (30%)

Blue (49%)

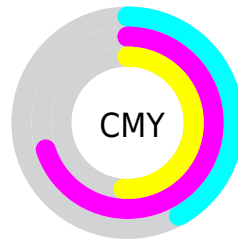


Cyan (0%)

Magenta (48%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (70%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 934C7E 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 934C7E by changing the saturation by 10% instead.

934C7E

934C7E

FFFFFF

783365

CB7FB3

5E1A4D

E79ACE

450036

FFB5EB

2E0021

FFD1FF

0A0006

FFEEFF

000000

934C7E

934C7E

933D7A

935B82

932F75

936987

932071

93788B

93116D

93878F

930368

939694

930068

93A498

93B39C

93C2A1

93D0A5

Harmonies

Analogous

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



725898



934C7E



A1475D

Triad

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



934C7E



6F661F



00738C

Complementary

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



934C7E



4C9361

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.



00756C



934C7E



4C6E2E

Square

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



934C7E



8A5A27



13734B



006FA1

Rectangle

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



934C7E



A04B48



13734B



007482

Sweetspot

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



934C7E



BFA4B7



604C93



61505C



E0E0E0



616161

Same Dimension

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



934C7E



BF509E



934C5B



4A4348



8A0061



0A0007

Inverse Universe

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



934C7E



BF509E



4C9384



4A4348



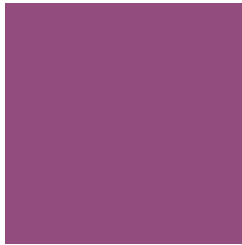
8A0061



0A0007

Previews

White Background



This preview shows how the Hex color 934C7E looks on a white background.

Color Contrast Check

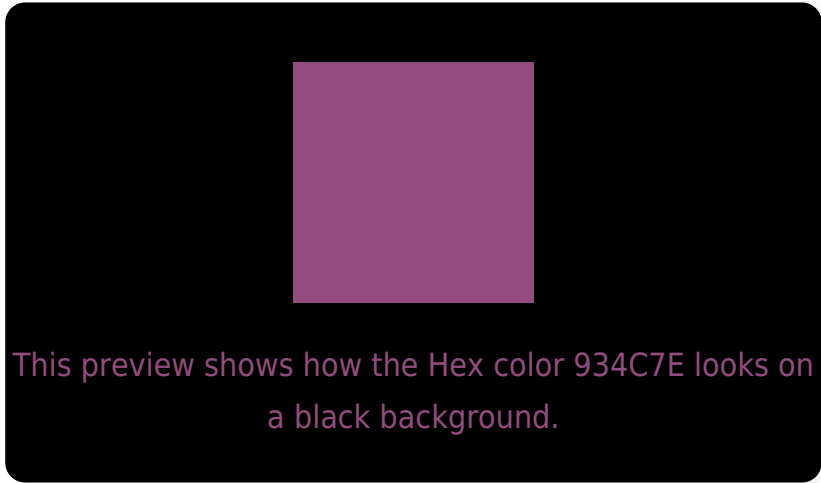
Large Text (above 18pt) WCAG AA ✓ Pass

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

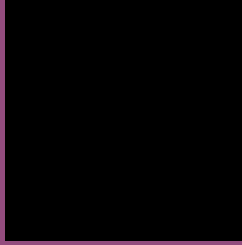
Any Text WCAG AA × Fail

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 934C7E Background



This preview shows how black text looks on a background with the Hex color 934C7E.

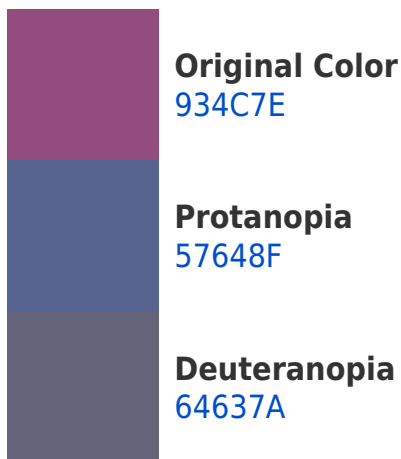


This preview shows how white text looks on a background with the Hex color 934C7E.

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
8F545A

Trichromacy



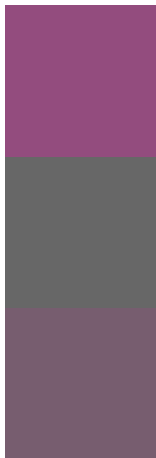
Original Color
934C7E

Protanomaly
6D5B89

Deuteranomaly
755B7B

Tritanomaly
905167

Monochromacy



Original Color
934C7E

Achromatopsia
676767

Achromatomaly
775D6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 934C7E 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 #934C7E looks like.

```
.text, #text, p{  
    color:#934C7E  
}
```

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 #934C7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934C7E
}
```

Border

The CSS property to change the border of an element to Hex 934C7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

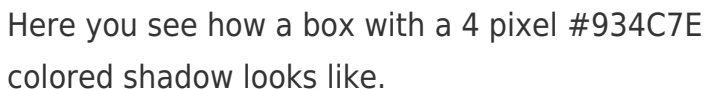
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934C7E }
```

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

```
.border{ border-color:#934C7E }
```

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



Here you see how a box with a 4 pixel #934C7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934C7E; -webkit-box-shadow:4px 4px  
4px 4px #934C7E; box-shadow:4px 4px 4px  
4px #934C7E }
```

Background

The CSS property to change the background color of an element to Hex 934C7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934C7E }
```

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

```
.background{ background-color:#934C7E }
```

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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