

Converting Colors

Hex(933C7F)

Have a look what the booklet for
Hex(933C7F) contains.

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Color

Hex(933C7F)

Conversions

Conversions Part 1

Format	Color
Hex	933C7F
RGB	147, 60, 127
RGB Percent	58%, 24%, 50%
CMY	0.4235, 0.7647, 0.5020
CMYK	0.00, 0.59, 0.14, 0.42
HSL	314°, 42%, 41%
HSV	314°, 59%, 58%
XYZ	17.4792, 10.9671, 21.2743
YIQ	93.6510, 30.3450, 39.2810

Conversions

Conversions Part 2

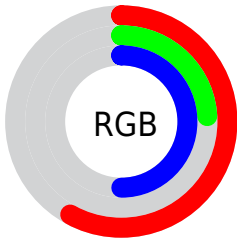
Format	Color
R_{YB}	147, 60, 127
Decimal	9649279
CIE _{Lab}	39.52, 45.00, -20.32
CIE _{LCh}	40, 49.380, 335.698
Yxy	10.9671, 0.3515, 0.2206
Android (android.graphics.Color)	4287839359 (0xFF933C7F)
YUV	93.6510, 16.4411, 46.7871
Hunter-Lab	33.1166, 36.2601, -14.9066

Details

The Hex color **933C7F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3C9350**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **CB70B4**, and **5D004E** is the 20% darker color. If you saturate the color by 10%, you get **932D7C**, and if you desaturate by 10%, it is **934B82**.

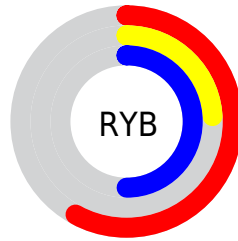
Distribution



Red (58%)

Green (24%)

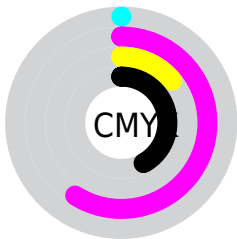
Blue (50%)



Red (58%)

Yellow (24%)

Blue (50%)

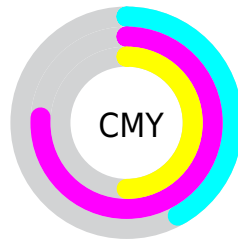


Cyan (0%)

Magenta (59%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (76%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933C7F 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 933C7F by changing the saturation by 10% instead.

933C7F

933C7F

FFFFFF

782166

CB70B4

5D004E

E88BD0

440037

FFA6EC

2E0022

FFC2FF

000006

FFDEFF

000000

FFFBFF

933C7F

933C7F

932D7C

934B82

931F78

935986

931075

936889

930171

93778D

930071

938590

939493

93A397

93B29A

93C09D

Harmonies

Analogous

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



674F9F



933C7F



A43357

Triad

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



933C7F



695E00



006F8B

Complementary

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



933C7F



3C9350

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.



007064



933C7F



3F6813

Square

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



933C7F



8A4F0C



006D3A



006AA6

Rectangle

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



933C7F



A3383D



006D3A



006F7F

Sweetspot

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



933C7F



BF9DB7



4F3C93



614C5C



E0E0E0



616161

Same Dimension

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



933C7F



BF37A0



933C55



4A4348



8A006A



0A0008

Inverse Universe

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



933C7F



BF37A0



3C937A



4A4348



8A006A



0A0008

Previews

White Background



This preview shows how the Hex color 933C7F looks on a white background.

Color Contrast Check

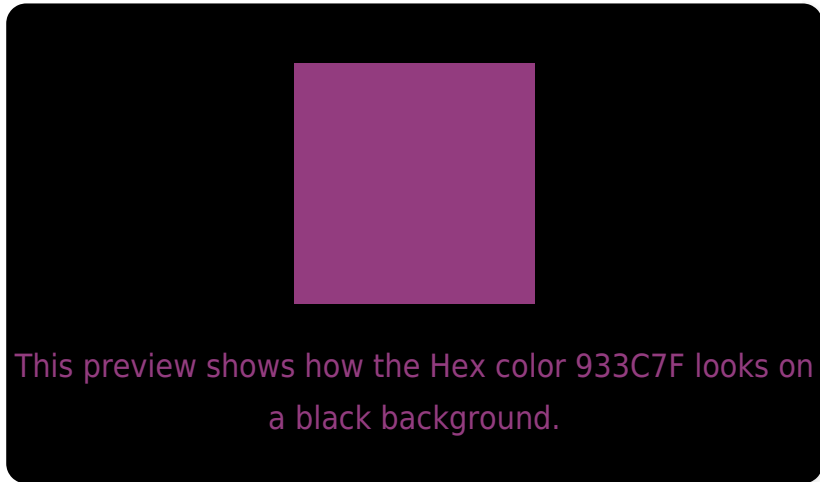
Large Text (above 18pt) WCAG AA ✓ Pass

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 933C7F Background



This preview shows how black text looks on a background with the Hex color 933C7F.

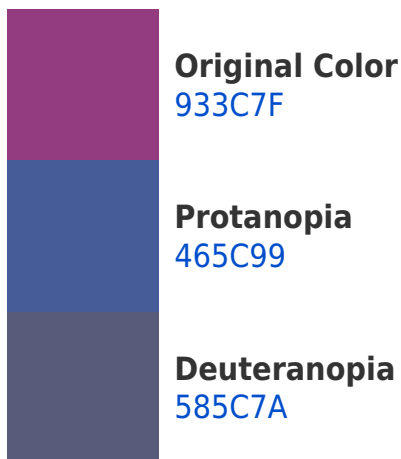


This preview shows how white text looks on a background with the Hex color 933C7F.

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](#).

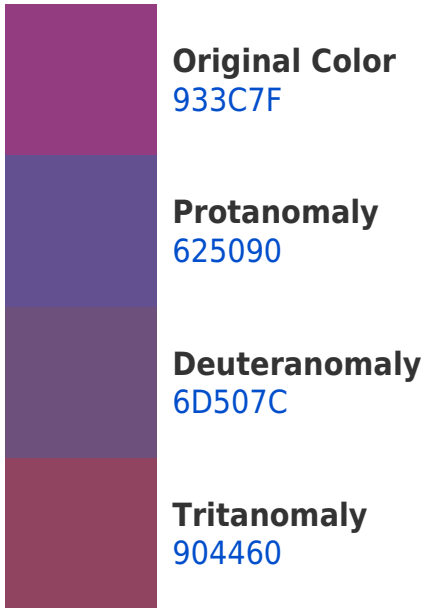
Dichromacy





Tritanopia
8E484E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 933C7F 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 #933C7F looks like.

```
.text, #text, p{  
    color:#933C7F  
}
```

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 #933C7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933C7F
}
```

Border

The CSS property to change the border of an element to Hex 933C7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

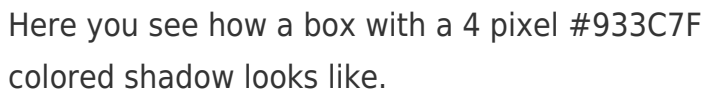
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933C7F }
```

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

```
.border{ border-color:#933C7F }
```

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



Here you see how a box with a 4 pixel #933C7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933C7F; -webkit-box-shadow:4px 4px  
4px 4px #933C7F; box-shadow:4px 4px 4px  
4px #933C7F }
```

Background

The CSS property to change the background color of an element to Hex 933C7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933C7F }
```

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

```
.background{ background-color:#933C7F }
```

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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