

Converting Colors

Hex(933F8D)

Have a look what the booklet for
Hex(933F8D) contains.

Hex(933F8D)	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(933F8D)

Conversions

Conversions Part 1

Format	Color
Hex	933F8D
RGB	147, 63, 141
RGB Percent	58%, 25%, 55%
CMY	0.4235, 0.7529, 0.4471
CMYK	0.00, 0.57, 0.04, 0.42
HSL	304°, 40%, 41%
HSV	304°, 57%, 58%
XYZ	18.6178, 11.6811, 26.4727
YIQ	97.0080, 25.0260, 42.0660

Conversions

Conversions Part 2

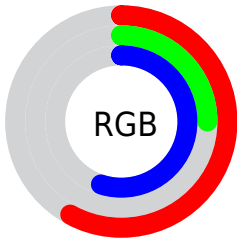
Format	Color
R_{YB}	147, 63, 141
Decimal	9650061
CIE _{Lab}	40.70, 45.96, -27.06
CIE _{LCh}	41, 53.337, 329.513
Yxy	11.6811, 0.3279, 0.2058
Android (android.graphics.Color)	4287840141 (0xFF933F8D)
YUV	97.0080, 21.6881, 43.8430
Hunter-Lab	34.1777, 37.4246, -21.9994

Details

The Hex color **933F8D** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F9345**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **CB73C3**, and **5E035A** is the 20% darker color. If you saturate the color by 10%, you get **93308C**, and if you desaturate by 10%, it is **934E8E**.

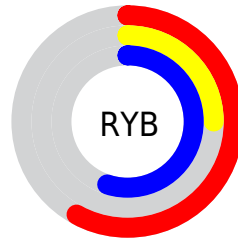
Distribution



Red (58%)

Green (25%)

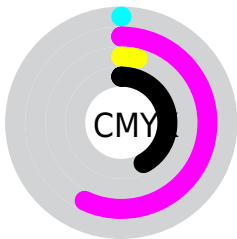
Blue (55%)



Red (58%)

Yellow (25%)

Blue (55%)

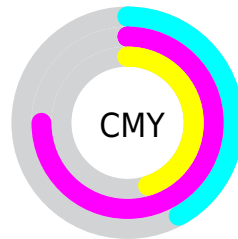


Cyan (0%)

Magenta (57%)

Yellow (4%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933F8D 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 933F8D by changing the saturation by 10% instead.

 933F8D

 933F8D

FFFFFF

 782573

 CB73C3

 5E035A

 E88EDF

 440043

 FFA9FC

 2E002C

 FFC5FF

 030016

 FFE2FF

 000000

 933F8D

 933F8D

 93308C

 934E8E

 93228B

 935C8F

93138A

936B90

930489

937A91

930089

938992

939793

93A694

93B595

93C396

Harmonies

Analogous

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



5B55AD



933F8D



AB3063

Triad

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



933F8D



755E00



00738A

Complementary

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



933F8D



3F9345

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.



00735E



933F8D



496A00

Square

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



933F8D



964C0F



007031



006FAB

Rectangle

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



933F8D



AD3346



007031



00747C

Sweetspot

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



933F8D



BF9FBD



453F93



614E60



E0E0E0



616161

Same Dimension

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



933F8D



BF3BB6



933F63



4A4349



8A0080



0A0009

Inverse Universe

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



933F8D



BF3BB6



3F936F



4A4349



8A0080



0A0009

Previews

White Background



This preview shows how the Hex color 933F8D looks on a white background.

Color Contrast Check

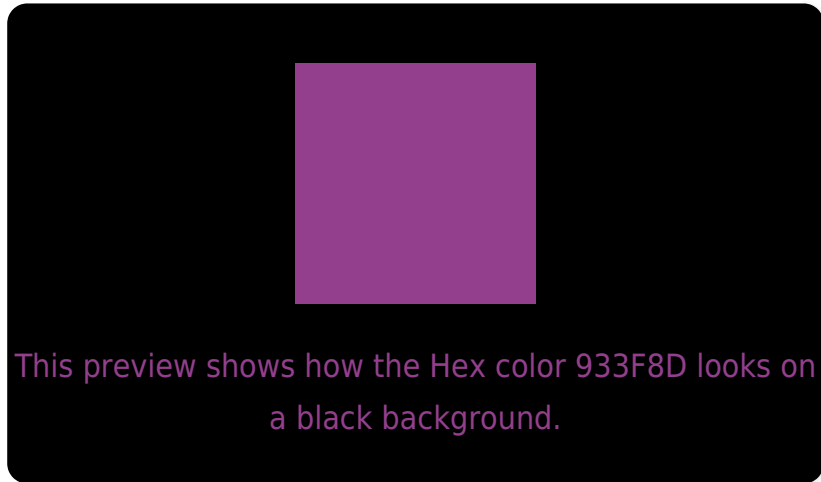
Large Text (above 18pt) WCAG AA ✓ Pass

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

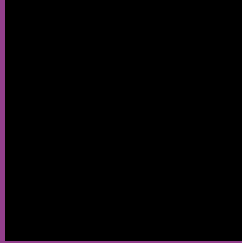
Any Text WCAG AA × Fail

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 933F8D Background



This preview shows how black text looks on a background with the Hex color 933F8D.

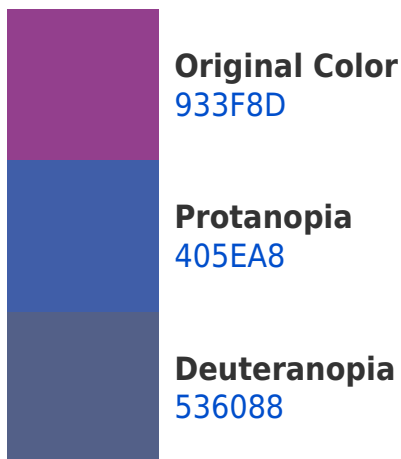


This preview shows how white text looks on a background with the Hex color 933F8D.

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
8C4E54

Trichromacy



Original Color
933F8D



Protanomaly
5E539E



Deuteranomaly
6A548A



Tritanomaly
8F4969

Monochromacy



Original Color
933F8D



Achromatopsia
616161



Achromatomaly
735571

CSS Examples

Text

The CSS property to change the color of the text to Hex 933F8D 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 #933F8D looks like.

```
.text, #text, p{  
    color:#933F8D  
}
```

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 #933F8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933F8D
}
```

Border

The CSS property to change the border of an element to Hex 933F8D is called "border". The border property can be set on classes, ids or directly on the HTML element.

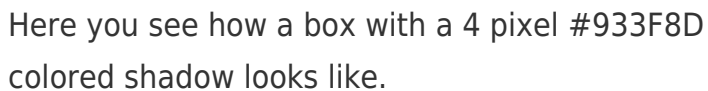
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933F8D }
```

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

```
.border{ border-color:#933F8D }
```

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



Here you see how a box with a 4 pixel #933F8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933F8D; -webkit-box-shadow:4px 4px  
4px 4px #933F8D; box-shadow:4px 4px 4px  
4px #933F8D }
```

Background

The CSS property to change the background color of an element to Hex 933F8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933F8D }
```

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

```
.background{ background-color:#933F8D }
```

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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