

Converting Colors

Hex(933F87)

Have a look what the booklet for
Hex(933F87) contains.

Hex(933F87)	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(933F87)

Conversions

Conversions Part 1

Format	Color
Hex	933F87
RGB	147, 63, 135
RGB Percent	58%, 25%, 53%
CMY	0.4235, 0.7529, 0.4706
CMYK	0.00, 0.57, 0.08, 0.42
HSL	309°, 40%, 41%
HSV	309°, 57%, 58%
XYZ	18.1833, 11.5073, 24.1844
YIQ	96.3240, 26.9520, 40.2000

Conversions

Conversions Part 2

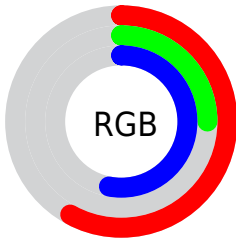
Format	Color
R_{YB}	147, 63, 135
Decimal	9650055
CIE _{Lab}	40.42, 44.90, -23.84
CIE _{LCh}	40, 50.841, 332.034
Yxy	11.5073, 0.3375, 0.2136
Android (android.graphics.Color)	4287840135 (0xFF933F87)
YUV	96.3240, 19.0673, 44.4429
Hunter-Lab	33.9225, 36.3163, -18.5241

Details

The Hex color **933F87** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F934B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CB73BD**, and **5E0455** is the 20% darker color. If you saturate the color by 10%, you get **933085**, and if you desaturate by 10%, it is **934E89**.

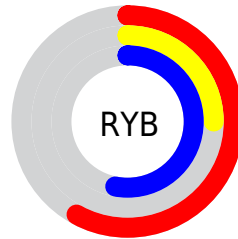
Distribution



Red (58%)

Green (25%)

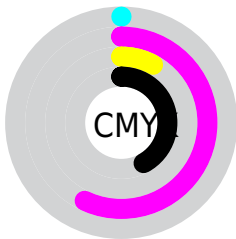
Blue (53%)



Red (58%)

Yellow (25%)

Blue (53%)

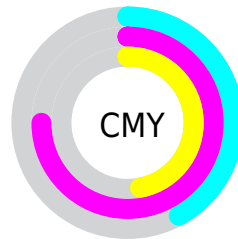


Cyan (0%)

Magenta (57%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (75%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933F87 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 933F87 by changing the saturation by 10% instead.

933F87

933F87

FFFFFF

78256D

CB73BD

5E0455

E88ED8

44003D

FFA9F5

2E0028

FFC5FF

010011

FFE1FF

000000

933F87

933F87

933085

934E89

932283

935C8B

 931381

 936B8D

 93047F

 937A8F

 93007E

 938992

 939794

 93A696

 93B598

 93C39A

Harmonies

Analogous

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



6253A6



933F87



A8335E

Triad

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



933F87



705E00



00728A

Complementary

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



933F87



3F934B

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.



007261



933F87



46690C

Square

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



933F87



914E10



007036



006DA9

Rectangle

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



933F87



A83743



007036



00727D

Sweetspot

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



933F87



BF9FBB



4A3F93



614E5E



E0E0E0



616161

Same Dimension

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



933F87



BF3BAC



933F5E



4A4349



8A0076



0A0009

Inverse Universe

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



933F87



BF3BAC



3F9374



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 933F87 looks on a white background.

Color Contrast Check

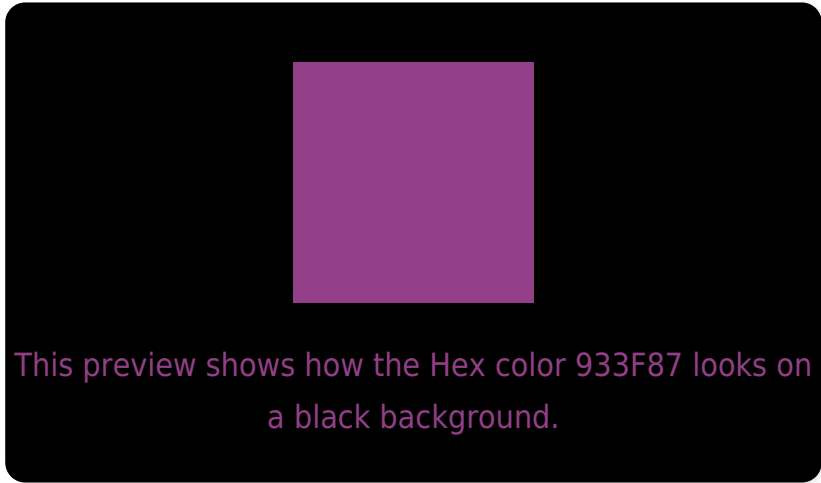
Large Text (above 18pt) WCAG AA ✓ Pass

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

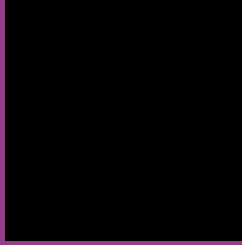
Any Text WCAG AA × Fail

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 933F87 Background



This preview shows how black text looks on a background with the Hex color 933F87.



This preview shows how white text looks on a background with the Hex color 933F87.

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](#).

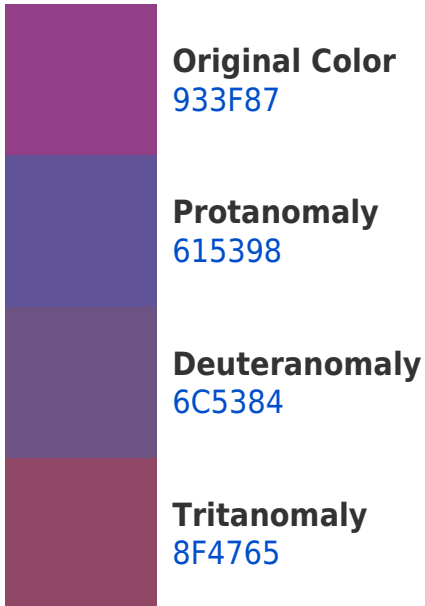
Dichromacy



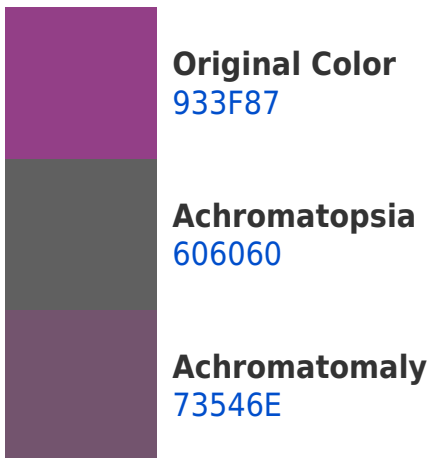


Tritanopia
8D4C52

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 933F87 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 #933F87 looks like.

```
.text, #text, p{  
    color:#933F87  
}
```

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 #933F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933F87
}
```

Border

The CSS property to change the border of an element to Hex 933F87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

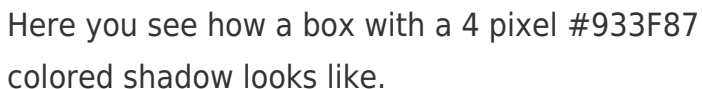
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933F87 }
```

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

```
.border{ border-color:#933F87 }
```

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



Here you see how a box with a 4 pixel #933F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933F87; -webkit-box-shadow:4px 4px  
4px 4px #933F87; box-shadow:4px 4px 4px  
4px #933F87 }
```

Background

The CSS property to change the background color of an element to Hex 933F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933F87 }
```

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

```
.background{ background-color:#933F87 }
```

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