

Converting Colors

Hex(935F83)

Have a look what the booklet for
Hex(935F83) contains.

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Color

Hex(935F83)

Conversions

Conversions Part 1

Format	Color
Hex	935F83
RGB	147, 95, 131
RGB Percent	58%, 37%, 51%
CMY	0.4235, 0.6275, 0.4863
CMYK	0.00, 0.35, 0.11, 0.42
HSL	318°, 21%, 47%
HSV	318°, 35%, 58%
XYZ	20.2216, 16.0262, 23.5003
YIQ	114.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

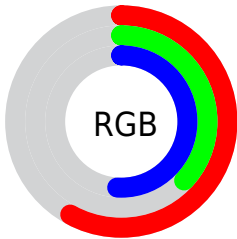
Format	Color
R_{YB}	147, 95, 131
Decimal	9658243
CIE _{Lab}	47.01, 26.90, -11.33
CIE _{LCh}	47, 29.190, 337.154
Yxy	16.0262, 0.3384, 0.2682
Android (android.graphics.Color)	4287848323 (0xFF935F83)
YUV	114.6520, 8.0596, 28.3692
Hunter-Lab	40.0327, 20.1079, -6.7820

Details

The Hex color **935F83** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F936F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CA92B8**, and **5F2F52** is the 20% darker color. If you saturate the color by 10%, you get **93507E**, and if you desaturate by 10%, it is **936E88**.

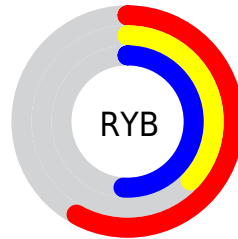
Distribution



Red (58%)

Green (37%)

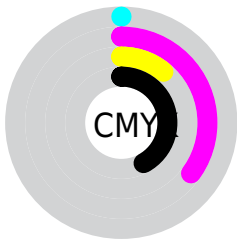
Blue (51%)



Red (58%)

Yellow (37%)

Blue (51%)

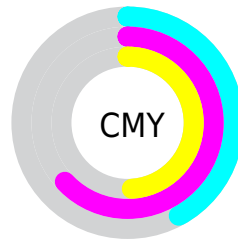


Cyan (0%)

Magenta (35%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935F83 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 935F83 by changing the saturation by 10% instead.

■ 935F83

■ 935F83

FFFFFF

■ 79476A

■ CA92B8

■ 5F2F52

■ E6ADD4

■ 47183B

■ FFC9F0

■ 2F0225

■ FFE5FF

■ 18000F

■ 000000

■ 935F83

■ 935F83

■ 93507E

■ 936E88

■ 93427A

■ 937C8C

933375

938B91

932471

939A95

93166C

93A99A

930768

93B79E

930066

93C6A3

93D5A7

93E3AC

Harmonies

Analogous

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



7A6797



935F83



9E5C6A

Triad

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



935F83



7A703E



007B8C

Complementary

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



935F83



5F936F

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.



197D75



935F83



5F7747

Square

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



935F83



8F6743



417B5C



26779C

Rectangle

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



935F83



9E5E5A



417B5C



007C85

Sweetspot

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



935F83



BFAAB9



6F5F93



61545D



E0E0E0



616161

Same Dimension

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



935F83



BF6FA7



935F69



4A4348



8A005F



0A0007

Inverse Universe

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



935F83



BF6FA7



5F9389



4A4348



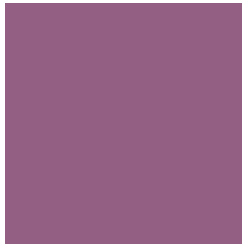
8A005F



0A0007

Previews

White Background



This preview shows how the Hex color 935F83 looks on a white background.

Color Contrast Check

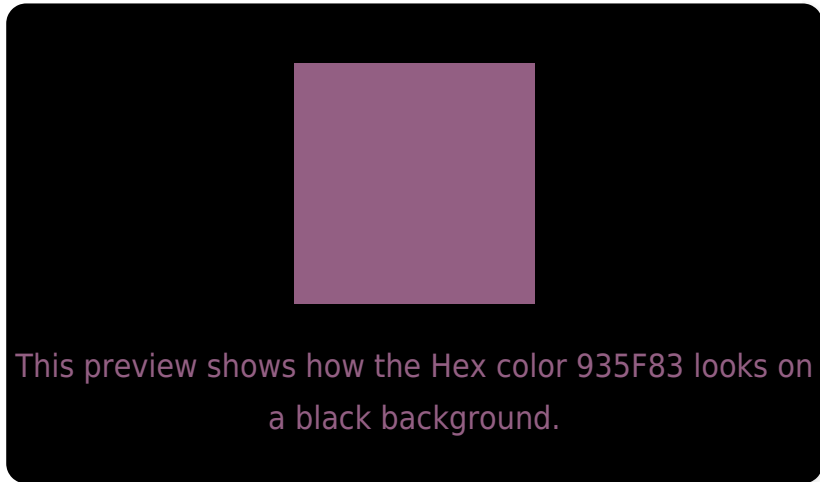
Large Text (above 18pt) WCAG AA ✓ Pass

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

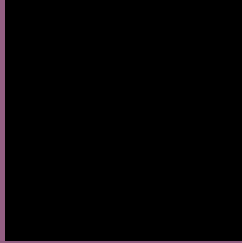
Any Text WCAG AA × Fail

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 935F83 Background



This preview shows how black text looks on a background with the Hex color 935F83.



This preview shows how white text looks on a background with the Hex color 935F83.

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
90646B

Trichromacy



Original Color
935F83

Protanomaly
78698A

Deuteranomaly
7F6881

Tritanomaly
916274

Monochromacy



Original Color
935F83

Achromatopsia
737373

Achromatomaly
7F6C79

CSS Examples

Text

The CSS property to change the color of the text to Hex 935F83 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 #935F83 looks like.

```
.text, #text, p{  
    color:#935F83  
}
```

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 #935F83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935F83
}
```

Border

The CSS property to change the border of an element to Hex 935F83 is called "border". The border property can be set on classes, ids or directly on the HTML element.

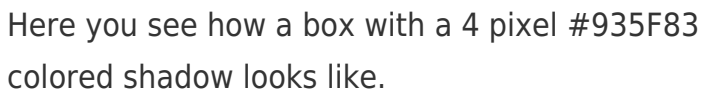
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935F83 }
```

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

```
.border{ border-color:#935F83 }
```

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



Here you see how a box with a 4 pixel #935F83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935F83; -webkit-box-shadow:4px 4px  
4px 4px #935F83; box-shadow:4px 4px 4px  
4px #935F83 }
```

Background

The CSS property to change the background color of an element to Hex 935F83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935F83 }
```

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

```
.background{ background-color:#935F83 }
```

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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