

Converting Colors

Hex(935A86)

Have a look what the booklet for
Hex(935A86) contains.

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Color

Hex(935A86)

Conversions

Conversions Part 1

Format	Color
Hex	935A86
RGB	147, 90, 134
RGB Percent	58%, 35%, 53%
CMY	0.4235, 0.6471, 0.4745
CMYK	0.00, 0.39, 0.09, 0.42
HSL	314°, 24%, 46%
HSV	314°, 39%, 58%
XYZ	19.9919, 15.2366, 24.4415
YIQ	112.0590, 19.8480, 25.7680

Conversions

Conversions Part 2

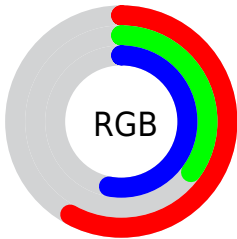
Format	Color
R_{YB}	147, 90, 134
Decimal	9656966
CIE _{Lab}	45.96, 30.30, -14.73
CIE _{LCh}	46, 33.690, 334.078
Yxy	15.2366, 0.3350, 0.2553
Android (android.graphics.Color)	4287847046 (0xFF935A86)
YUV	112.0590, 10.8169, 30.6433
Hunter-Lab	39.0341, 23.1116, -9.8011

Details

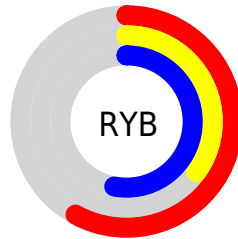
The Hex color **935A86** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5A9367**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CA8DBB**, and **5F2A54** is the 20% darker color. If you saturate the color by 10%, you get **934B83**, and if you desaturate by 10%, it is **936989**.

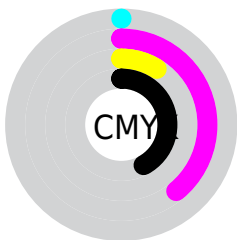
Distribution



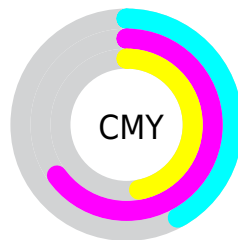
- Red (58%)
- Green (35%)
- Blue (53%)



- Red (58%)
- Yellow (35%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (65%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935A86 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 935A86 by changing the saturation by 10% instead.

 935A86

 935A86

FFFFFF

 79426D

 CA8DBB

 5F2A54

 E6A8D7

 46123D

 FFC4F3

 2F0027

 FFE0FF

 150012

 FFFDFD

 000000

 935A86

 935A86

 934B83

 936989

 933D7F

 93778D

932E7C

938690

931F79

939593

931175

93A397

930272

93B29A

930071

93C19D

93D0A1

93DEA4

Harmonies

Analogous

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



74649C



935A86



A1566A

Triad

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



935A86



7A6D33



007A8C

Complementary

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



935A86



5A9367

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.



007B70



935A86



5D743D

Square

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



935A86



92633A



387953



00769F

Rectangle

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



935A86



A25757



387953



007B83

Sweetspot

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



935A86



BFA8BA



665A93



61535E



E0E0E0



616161

Same Dimension

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



935A86



BF65AB



935A6A



4A4348



8A006A



0A0008

Inverse Universe

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



935A86



BF65AB



5A9383



4A4348



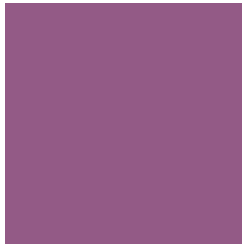
8A006A



0A0008

Previews

White Background



This preview shows how the Hex color 935A86 looks on a white background.

Color Contrast Check

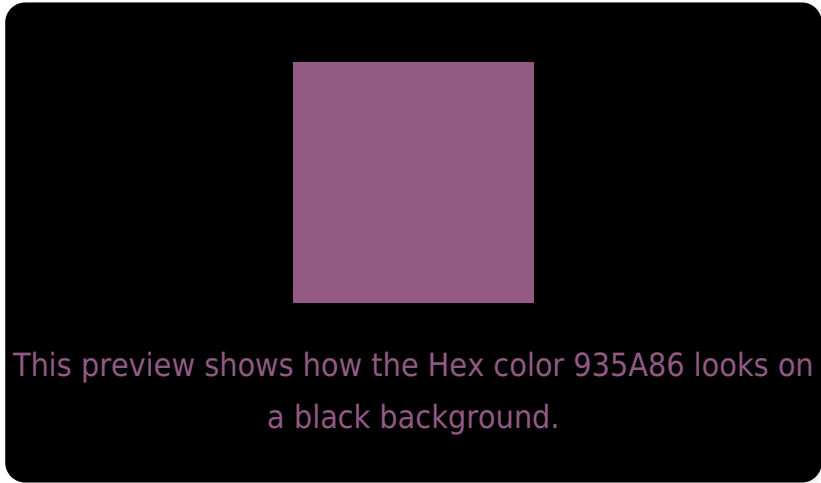
Large Text (above 18pt) WCAG AA ✓ Pass

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

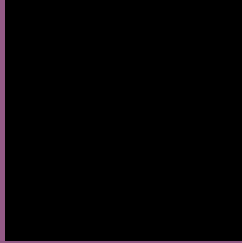
Any Text WCAG AA × Fail

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 935A86 Background



This preview shows how black text looks on a background with the Hex color 935A86.



This preview shows how white text looks on a background with the Hex color 935A86.

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
8F6067

Trichromacy



Original Color
935A86

Protanomaly
74658E

Deuteranomaly
7B6584

Tritanomaly
905E72

Monochromacy



Original Color
935A86

Achromatopsia
707070

Achromatomaly
7D6878

CSS Examples

Text

The CSS property to change the color of the text to Hex 935A86 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 #935A86 looks like.

```
.text, #text, p{  
    color:#935A86  
}
```

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 #935A86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935A86
}
```

Border

The CSS property to change the border of an element to Hex 935A86 is called "border". The border property can be set on classes, ids or directly on the HTML element.

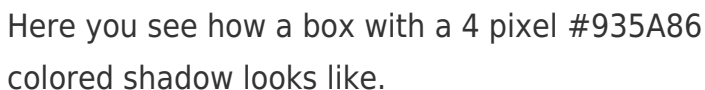
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935A86 }
```

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

```
.border{ border-color:#935A86 }
```

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



Here you see how a box with a 4 pixel #935A86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935A86; -webkit-box-shadow:4px 4px  
4px 4px #935A86; box-shadow:4px 4px 4px  
4px #935A86 }
```

Background

The CSS property to change the background color of an element to Hex 935A86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935A86 }
```

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

```
.background{ background-color:#935A86 }
```

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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