

# Converting Colors

Hex(935C69)

Have a look what the booklet for  
Hex(935C69) contains.

<b>Hex(935C69)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(935C69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	935C69
RGB	147, 92, 105
RGB Percent	58%, 36%, 41%
CMY	0.4235, 0.6392, 0.5882
CMYK	0.00, 0.37, 0.29, 0.42
HSL	346°, 23%, 47%
HSV	346°, 37%, 58%
XYZ	18.4096, 14.8773, 15.2659
YIQ	109.9270, 28.6070, 15.7030

# Conversions

## Conversions Part 2

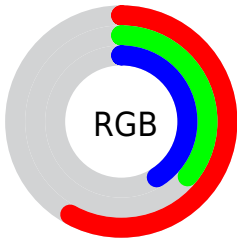
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 92, 105
Decimal	9657449
CIE Lab	45.47, 24.36, 2.07
CIE LCh	45, 24.444, 4.869
Yxy	14.8773, 0.3792, 0.3064
Android (android.graphics.Color)	4287847529 (0xFF935C69)
YUV	109.9270, -2.4290, 32.5130
Hunter-Lab	38.5710, 17.6969, 3.5335

# Details

The Hex color **935C69** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **5C9386**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **CA8F9C**, and **5F2D3A** is the 20% darker color. If you saturate the color by 10%, you get **934D5E**, and if you desaturate by 10%, it is **936B74**.

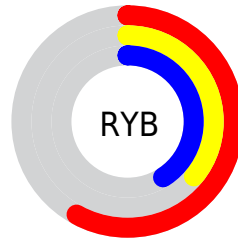
# Distribution



Red (58%)

Green (36%)

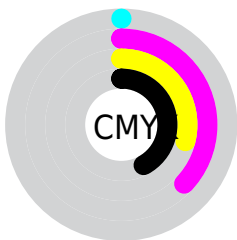
Blue (41%)



Red (58%)

Yellow (36%)

Blue (41%)

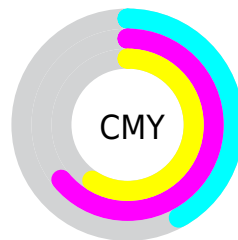


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (64%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 935C69 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 935C69 by changing the saturation by 10% instead.





935C69



935C69

FFFFFF



784451



CA8F9C



5F2D3A



E7AAB7



461625



FFC5D3



2E000F



FFE1EF



0C0000

FFFEFF



000000



935C69



935C69



934D5E



936B74



933F53



93797F

933047

93888B

93213C

939796

931331

93A5A1

930426

93B4AC

930023

93C3B8

93D2C3

93E0CE

# Harmonies

## Analogous

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



885F7D



935C69



925E55

# Triad

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



935C69



60714A



357290

# Complementary

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



935C69



5C9386

# 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.



227682



935C69



48755A

# Square

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



935C69



766B43



2F776E



556C94

# Rectangle

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



935C69



8C624B



2F776E



2C748C



# Sweetspot

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



935C69



BF5AAF



855C93



615457



E0E0E0



616161



# Same Dimension

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



935C69



BF697E



936A5C



4A4344



8A0021



0A0002



# Inverse Universe

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



935C69



BF697E



5C8593



4A4344



8A0021

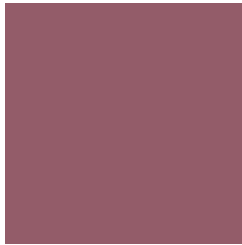


0A0002



# Previews

## White Background



This preview shows how the Hex color 935C69 looks on a white background.

## Color Contrast Check

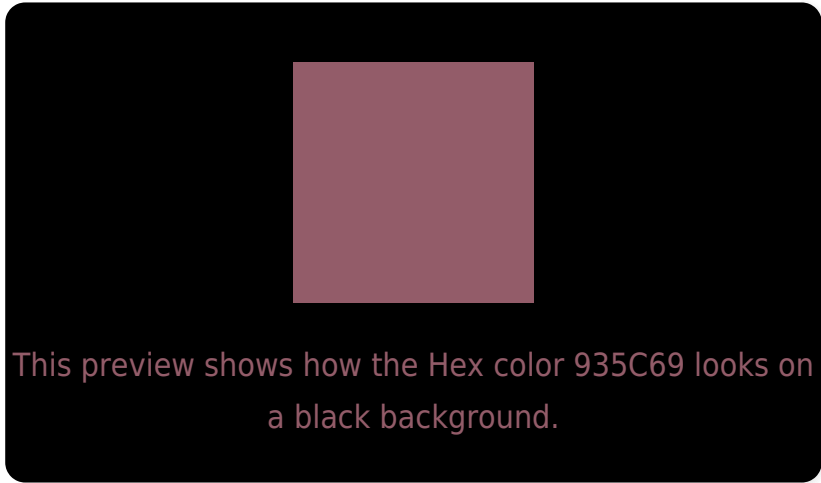
Large Text (above 18pt) WCAG AA ✓ Pass

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

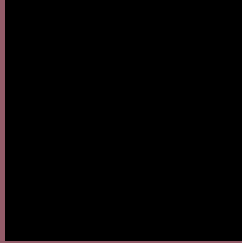
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 935C69 Background



This preview shows how black text looks on a background with the Hex color 935C69.



This preview shows how white text looks on a background with the Hex color 935C69.

# 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



**Original Color**  
935C69

**Protanopia**  
6C6B72

**Deuteranopia**  
786867



**Tritanopia**  
925D64

# Trichromacy



**Original Color**  
935C69

**Protanomaly**  
7A666F

**Deuteranomaly**  
826468

**Tritanomaly**  
925D66

# Monochromacy



**Original Color**  
935C69

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
7B676C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 935C69 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 #935C69 looks like.

```
.text, #text, p{  
    color:#935C69  
}
```

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 #935C69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935C69
}
```

## Border

The CSS property to change the border of an element to Hex 935C69 is called "border". The border property can be set on classes, ids or directly on the HTML element.

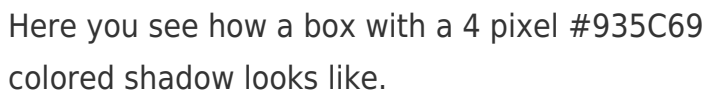
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935C69 }
```

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

```
.border{ border-color:#935C69 }
```

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



Here you see how a box with a 4 pixel #935C69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935C69; -webkit-box-shadow:4px 4px  
4px 4px #935C69; box-shadow:4px 4px 4px  
4px #935C69 }
```

# Background

The CSS property to change the background color of an element to Hex 935C69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935C69 }
```

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

```
.background{ background-color:#935C69 }
```

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