

# Converting Colors

Hex(9B436C)

Have a look what the booklet for  
Hex(9B436C) contains.

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**Color**

**Hex(9B436C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9B436C
RGB	155, 67, 108
RGB Percent	61%, 26%, 42%
CMY	0.3922, 0.7373, 0.5765
CMYK	0.00, 0.57, 0.30, 0.39
HSL	332°, 40%, 44%
HSV	332°, 57%, 61%
XYZ	18.2315, 12.0656, 15.5553
YIQ	97.9860, 39.2870, 31.4070

# Conversions

## Conversions Part 2

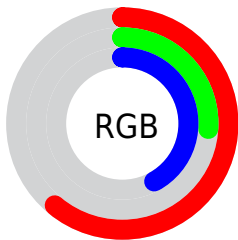
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	155, 67, 108
Decimal	10175340
CIE <sub>Lab</sub>	41.32, 41.29, -5.73
CIE <sub>LCh</sub>	41, 41.683, 352.105
Yxy	12.0656, 0.3976, 0.2631
Android (android.graphics.Color)	4288365420 (0xFF9B436C)
<b>YUV</b>	97.9860, 4.9369, 50.0013
Hunter-Lab	34.7355, 32.9013, -2.2365

# Details

The Hex color **9B436C** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **439B72**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D4779F**, and **650C3D** is the 20% darker color. If you saturate the color by 10%, you get **9B3464**, and if you desaturate by 10%, it is **9B5374**.

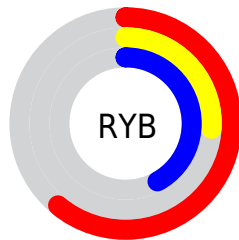
# Distribution



Red (61%)

Green (26%)

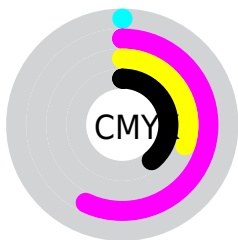
Blue (42%)



Red (61%)

Yellow (26%)

Blue (42%)

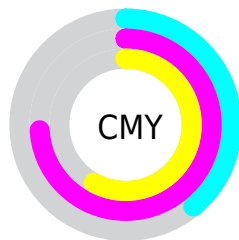


Cyan (0%)

Magenta (57%)

Yellow (30%)

Black (39%)



Cyan (39%)

Magenta (74%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9B436C 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 9B436C by changing the saturation by 10% instead.



 9B436C

 9B436C

FFFFFF

 7F2954

 D4779F

 650C3D

 F191BA

 4A0027

 FFADD6

 330012

 FFC9F2

 0A0000

 FFE5FF

 000000

 9B436C

 9B436C

 9B3464

 9B5374

 9B245B

 9B627D

 9B1553

 9B7285

 9B054B

 9B818D

 9B0048

 9B9195

 9BA09E

 9BB0A6

 9BBFAE

 9BCEB7

# Harmonies

## Analogous

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



824E8C



9B436C



A0444A

# Triad

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



9B436C



5B671D



006F97

# Complementary

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



9B436C



439B72

# 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.



00727A



9B436C



306E35

# Square

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



9B436C



7B5D19



007157



0068A5

# Rectangle

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



9B436C



994B35



007157



00708F



# Sweetspot

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



9B436C



C9A7B7



72439B



66525B



E6E6E6



666666



# Same Dimension

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



9B436C



C94080



9B4643



4D4548



8C0041



0D0006



# Inverse Universe

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



9B436C



C94080



43989B



4D4548



8C0041

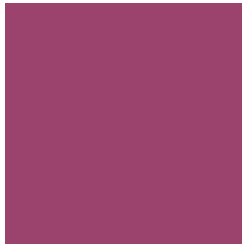


0D0006



# Previews

## White Background



This preview shows how the Hex color 9B436C looks on a white background.

## Color Contrast Check

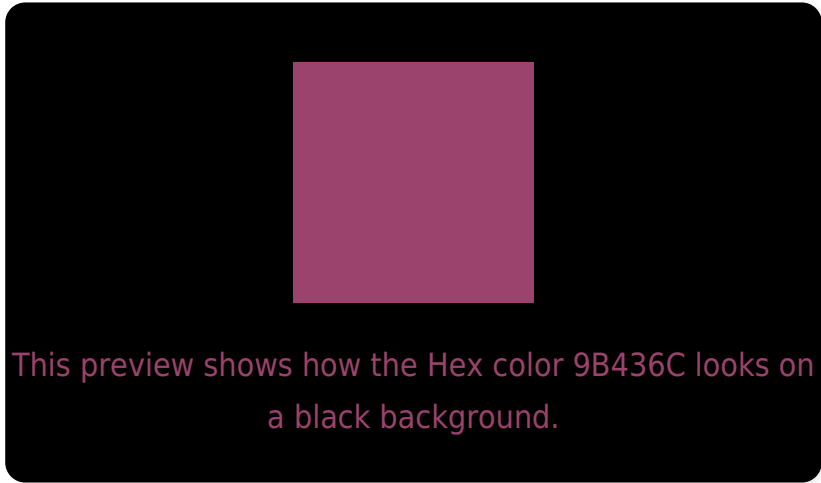
Large Text (above 18pt) WCAG AA ✓ Pass

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

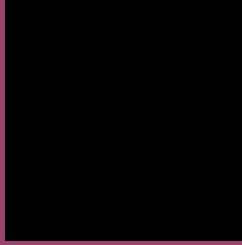
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9B436C Background



This preview shows how black text looks on a background with the Hex color 9B436C.



This preview shows how white text looks on a background with the Hex color 9B436C.

# 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**  
98494E

# Trichromacy



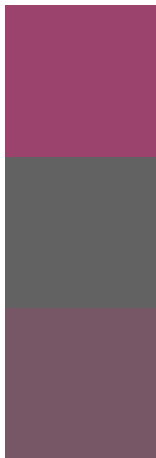
**Original Color**  
9B436C

**Protanomaly**  
725679

**Deuteranomaly**  
7B5569

**Tritanomaly**  
994759

# Monochromacy



**Original Color**  
9B436C

**Achromatopsia**  
626262

**Achromatomaly**  
775766

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9B436C 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 #9B436C looks like.

```
.text, #text, p{  
    color:#9B436C  
}
```

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 #9B436C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B436C
}
```

## Border

The CSS property to change the border of an element to Hex 9B436C is called "border". The border property can be set on classes, ids or directly on the HTML element.

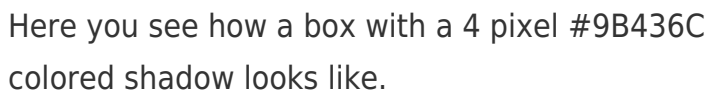
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B436C }
```

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

```
.border{ border-color:#9B436C }
```

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



Here you see how a box with a 4 pixel #9B436C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B436C; -webkit-box-shadow:4px 4px  
4px 4px #9B436C; box-shadow:4px 4px 4px  
4px #9B436C }
```

# Background

The CSS property to change the background color of an element to Hex 9B436C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B436C }
```

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

```
.background{ background-color:#9B436C }
```

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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