

# Converting Colors

Hex(9D436A)

Have a look what the booklet for  
Hex(9D436A) contains.

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# Color

**Hex(9D436A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D436A
RGB	157, 67, 106
RGB Percent	62%, 26%, 42%
CMY	0.3843, 0.7373, 0.5843
CMYK	0.00, 0.57, 0.32, 0.38
HSL	334°, 40%, 44%
HSV	334°, 57%, 62%
XYZ	18.5133, 12.2230, 15.0192
YIQ	98.3560, 41.1210, 31.2090

# Conversions

## Conversions Part 2

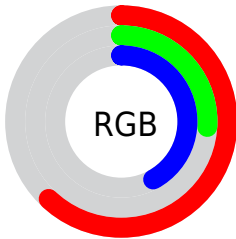
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 67, 106
Decimal	10306410
CIE <sub>Lab</sub>	41.57, 41.70, -4.08
CIE <sub>LCh</sub>	42, 41.895, 354.409
Yxy	12.2230, 0.4046, 0.2671
Android (android.graphics.Color)	4288496490 (0xFF9D436A)
YUV	98.3560, 3.7685, 51.4308
Hunter-Lab	34.9614, 33.3395, -0.9976

# Details

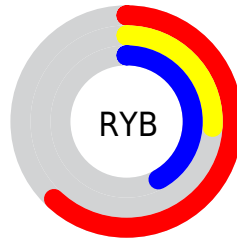
The Hex color **9D436A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **439D76**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D6779D**, and **660B3B** is the 20% darker color. If you saturate the color by 10%, you get **9D3361**, and if you desaturate by 10%, it is **9D5373**.

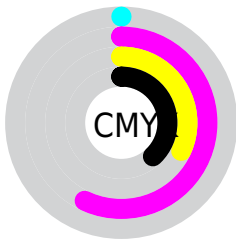
# Distribution



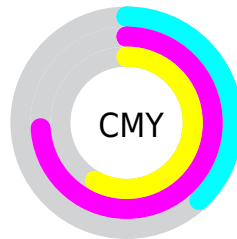
- Red (62%)
- Green (26%)
- Blue (42%)



- Red (62%)
- Yellow (26%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (74%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D436A 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 9D436A by changing the saturation by 10% instead.



 9D436A

 9D436A

FFFFFF

 812952

 D6779D

 660B3B

 F392B8

 4C0025

 FFADD4

 340010

 FFC9F0

 0E0000

 FFE6FF

 000000

 9D436A

 9D436A

 9D3361

 9D5373

 9D2458

 9D627C

 9D144F

 9D7285

 9D0446

 9D828E

 9D0044

 9D9296

 9DA19F

 9DB1A8

 9DC1B1

 9DD0BA

# Harmonies

## Analogous

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



864D8B



9D436A



A04548

# Triad

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



9D436A



59691E



006F99

# Complementary

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



9D436A



439D76

# 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.



00737E



9D436A



2C6F38

# Square

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



9D436A



7A5E18



00725A



0068A7

# Rectangle

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



9D436A



994C33



00725A



007191



# Sweetspot

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



9D436A



CCA9B8



76439D



66525A



E6E6E6



666666



# Same Dimension

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



9D436A



CC3F7C



9D4943



4F474B



8F003E



0F0007



# Inverse Universe

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



9D436A



CC3F7C



43979D



4F474B



8F003E

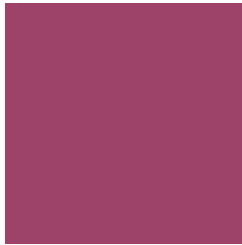


0F0007



# Previews

## White Background



This preview shows how the Hex color 9D436A looks on a white background.

## Color Contrast Check

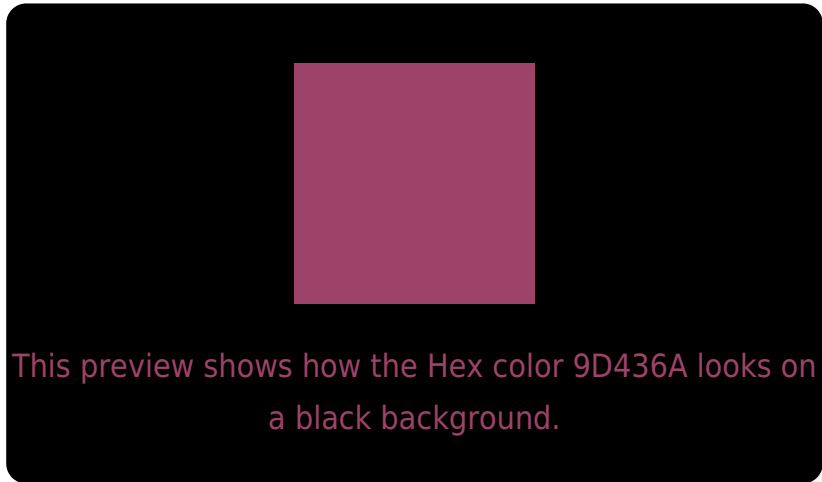
Large Text (above 18pt) WCAG AA ✓ Pass

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

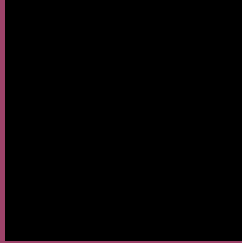
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9D436A Background



This preview shows how black text looks on a background with the Hex color 9D436A.



This preview shows how white text looks on a background with the Hex color 9D436A.

# 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**  
9B494E

# Trichromacy



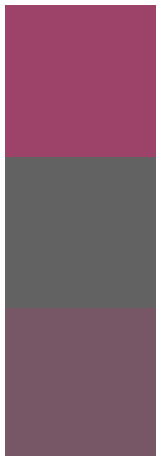
**Original Color**  
9D436A

**Protanomaly**  
745777

**Deuteranomaly**  
7D5567

**Tritanomaly**  
9C4758

# Monochromacy



**Original Color**  
9D436A

**Achromatopsia**  
626262

**Achromatomaly**  
775765

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D436A 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 #9D436A looks like.

```
.text, #text, p{  
    color:#9D436A  
}
```

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 #9D436A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D436A
}
```

## Border

The CSS property to change the border of an element to Hex 9D436A is called "border". The border property can be set on classes, ids or directly on the HTML element.

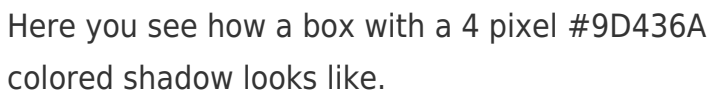
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D436A }
```

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

```
.border{ border-color:#9D436A }
```

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



Here you see how a box with a 4 pixel #9D436A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D436A; -webkit-box-shadow:4px 4px  
4px 4px #9D436A; box-shadow:4px 4px 4px  
4px #9D436A }
```

# Background

The CSS property to change the background color of an element to Hex 9D436A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D436A }
```

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

```
.background{ background-color:#9D436A }
```

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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