

Converting Colors

Hex(9A536F)

Have a look what the booklet for
Hex(9A536F) contains.

Hex(9A536F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A536F)

Conversions

Conversions Part 1

Format	Color
Hex	9A536F
RGB	154, 83, 111
RGB Percent	60%, 33%, 44%
CMY	0.3961, 0.6745, 0.5647
CMYK	0.00, 0.46, 0.28, 0.40
HSL	336°, 30%, 46%
HSV	336°, 46%, 60%
XYZ	19.2889, 14.2042, 16.7640
YIQ	107.4210, 33.3280, 23.7600

Conversions

Conversions Part 2

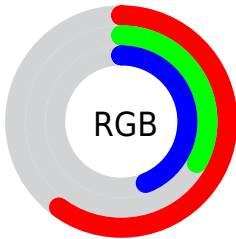
Format	Color
R_{YB}	154, 83, 111
Decimal	10113903
CIE _{Lab}	44.52, 32.95, -2.84
CIE _{LCh}	45, 33.069, 355.071
Yxy	14.2042, 0.3838, 0.2826
Android (android.graphics.Color)	4288303983 (0xFF9A536F)
YUV	107.4210, 1.7644, 40.8498
Hunter-Lab	37.6885, 25.4012, 0.0096

Details

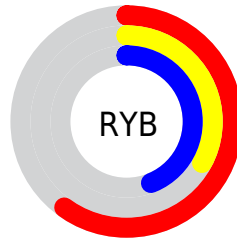
The Hex color **9A536F** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **539A7E**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D286A3**, and **65223F** is the 20% darker color. If you saturate the color by 10%, you get **9A4466**, and if you desaturate by 10%, it is **9A6278**.

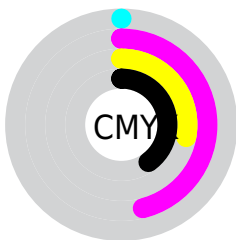
Distribution



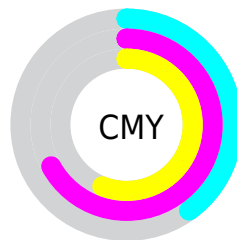
- Red (60%)
- Green (33%)
- Blue (44%)



- Red (60%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (28%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A536F 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 9A536F by changing the saturation by 10% instead.

9A536F

9A536F

FFFFFF

7F3A57

D286A3

65223F

EFA1BE

4B082A

FFBCD9

330015

FFD8F6

150000

FFF5FF

000000

9A536F

9A536F

9A4466

9A6278

9A345C

9A7282

 9A2553

 9A818B

 9A154A

 9A9194

 9A0640

 9AA09E

 9A003D

 9AAFA7

 9ABFB0

 9ACEBA

 9ADEC3

Harmonies

Analogous

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



875989



9A536F



9D5453

Triad

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



9A536F



636F36



007496

Complementary

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



9A536F



539A7E

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.



007780



9A536F



427449

Square

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



9A536F



7E6631



087764



306EAO

Rectangle

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



9A536F



975944



087764



00758F

Sweetspot

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



9A536F



C9ADB8



7E539A



66555B



E6E6E6



666666

Same Dimension

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



9A536F



C95B86



9A5A53



4D4548



8C0037



0D0005

Inverse Universe

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



9A536F



C95B86



53939A



4D4548



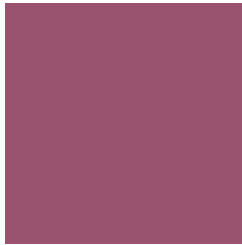
8C0037



0D0005

Previews

White Background



This preview shows how the Hex color 9A536F looks on a white background.

Color Contrast Check

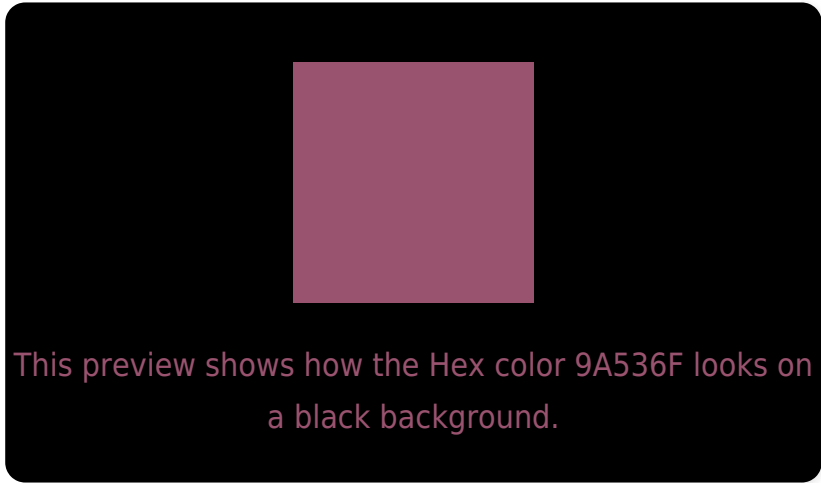
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A536F Background



This preview shows how black text looks on a background with the Hex color 9A536F.




This preview shows how white text looks on a background with the Hex color 9A536F.

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](#).

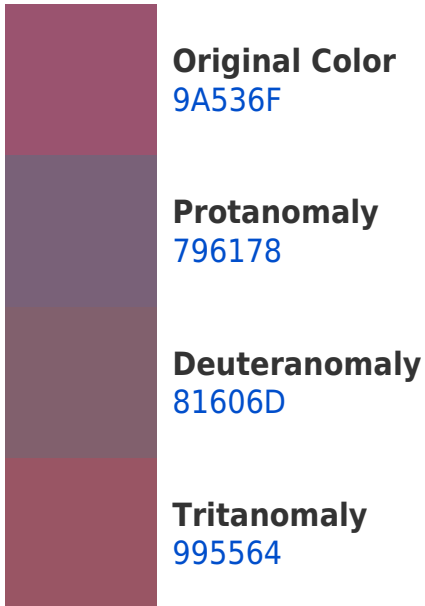
Dichromacy



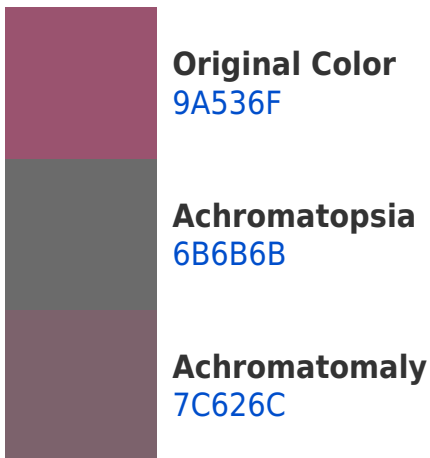


Tritanopia
98565D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9A536F 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 #9A536F looks like.

```
.text, #text, p{  
    color:#9A536F  
}
```

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 #9A536F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A536F
}
```

Border

The CSS property to change the border of an element to Hex 9A536F is called "border". The border property can be set on classes, ids or directly on the HTML element.

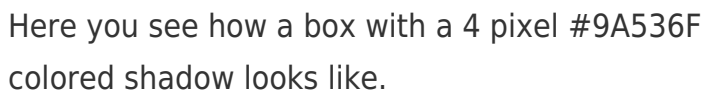
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A536F }
```

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

```
.border{ border-color:#9A536F }
```

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



Here you see how a box with a 4 pixel #9A536F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A536F; -webkit-box-shadow:4px 4px  
4px 4px #9A536F; box-shadow:4px 4px 4px  
4px #9A536F }
```

Background

The CSS property to change the background color of an element to Hex 9A536F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A536F }
```

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

```
.background{ background-color:#9A536F }
```

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