

# Converting Colors

Hex(9C526A)

Have a look what the booklet for  
Hex(9C526A) contains.

<b>Hex(9C526A)</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(9C526A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C526A
RGB	156, 82, 106
RGB Percent	61%, 32%, 42%
CMY	0.3882, 0.6784, 0.5843
CMYK	0.00, 0.47, 0.32, 0.39
HSL	341°, 31%, 47%
HSV	341°, 47%, 61%
XYZ	19.3291, 14.1431, 15.3468
YIQ	106.8620, 36.4000, 23.1520

# Conversions

## Conversions Part 2

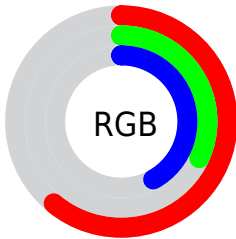
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 82, 106
Decimal	10244714
CIE Lab	44.44, 33.53, 0.12
CIE LCh	44, 33.526, 0.203
Yxy	14.1431, 0.3959, 0.2897
Android (android.graphics.Color)	4288434794 (0xFF9C526A)
YUV	106.8620, -0.4250, 43.0940
Hunter-Lab	37.6073, 25.9312, 2.1301

# Details

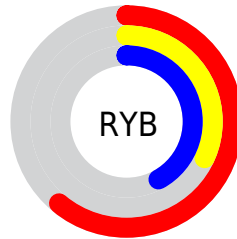
The Hex color **9C526A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **529C84**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **D4859D**, and **66213B** is the 20% darker color. If you saturate the color by 10%, you get **9C425F**, and if you desaturate by 10%, it is **9C6275**.

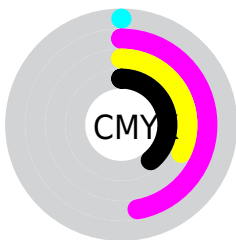
# Distribution



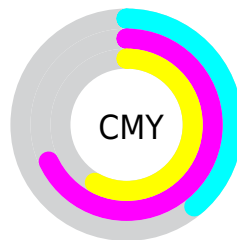
- Red (61%)
- Green (32%)
- Blue (42%)



- Red (61%)
- Yellow (32%)
- Blue (42%)



- Cyan (0%)
- Magenta (47%)
- Yellow (32%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C526A 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 9C526A by changing the saturation by 10% instead.



 9C526A

 9C526A

FFFFFF

 813952

 D4859D

 66213B

 F2A0B8

 4C0625

 FFBBD4

 340010

 FFD7F0

 150000

 FFF4FF

 000000

 9C526A

 9C526A

 9C425F

 9C6275

 9C3355

 9C717F

 9C234A

 9C818A

 9C1440

 9C9094

 9C0435

 9CA09F

 9C0033

 9CB0A9

 9CBFB4

 9CCFBE

 9CDEC9

# Harmonies

## Analogous

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



8C5785



9C526A



9D554F

# Triad

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



9C526A



5D7037



007399

# Complementary

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



9C526A



529C84

# 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.



007784



9C526A



3A754C

# Square

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



9C526A



7A6830



007768



396CA1

# Rectangle

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



9C526A



955A3F



007768



007593



# Sweetspot

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



9C526A



CCAFB9



83529C



66555A



E6E6E6



666666



# Same Dimension

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



9C526A



CC587D



9C5E52



4F474A



8F002E



0F0005



# Inverse Universe

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



9C526A



CC587D



52909C



4F474A



8F002E

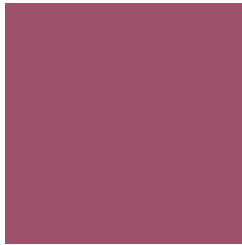


0F0005



# Previews

## White Background



This preview shows how the Hex color 9C526A looks on a white background.

## Color Contrast Check

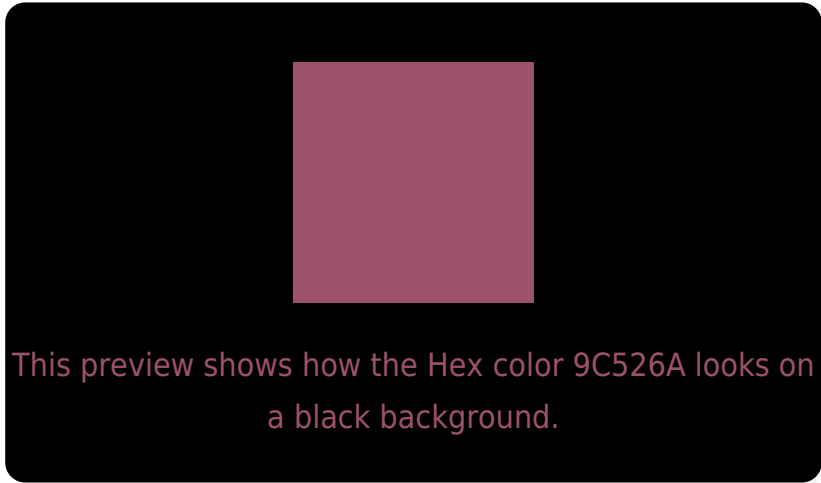
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C526A Background



This preview shows how black text looks on a background with the Hex color 9C526A.



This preview shows how white text looks on a background with the Hex color 9C526A.

# 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**  
9C526A

**Protanopia**  
676978

**Deuteranopia**  
756667



**Tritanopia**  
9B555B

# Trichromacy



**Original Color**  
9C526A

**Protanomaly**  
7A6173

**Deuteranomaly**  
835F68

**Tritanomaly**  
9B5460

# Monochromacy



**Original Color**  
9C526A

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
7D626B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C526A 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 #9C526A looks like.

```
.text, #text, p{  
    color:#9C526A  
}
```

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 #9C526A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C526A
}
```

## Border

The CSS property to change the border of an element to Hex 9C526A is called "border". The border property can be set on classes, ids or directly on the HTML element.

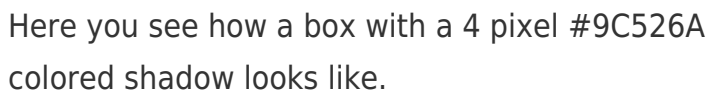
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C526A }
```

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

```
.border{ border-color:#9C526A }
```

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



Here you see how a box with a 4 pixel #9C526A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C526A; -webkit-box-shadow:4px 4px  
4px 4px #9C526A; box-shadow:4px 4px 4px  
4px #9C526A }
```

# Background

The CSS property to change the background color of an element to Hex 9C526A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C526A }
```

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

```
.background{ background-color:#9C526A }
```

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