

# Converting Colors

Hex(9D246A)

Have a look what the booklet for  
Hex(9D246A) contains.

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# Color

**Hex(9D246A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D246A
RGB	157, 36, 106
RGB Percent	62%, 14%, 42%
CMY	0.3843, 0.8588, 0.5843
CMYK	0.00, 0.77, 0.32, 0.38
HSL	325°, 63%, 38%
HSV	325°, 77%, 62%
XYZ	17.1370, 9.4705, 14.5604
YIQ	80.1590, 49.6460, 47.4220

# Conversions

## Conversions Part 2

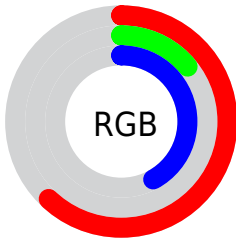
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 36, 106
Decimal	10298474
CIE <sub>Lab</sub>	36.87, 54.56, -11.11
CIE <sub>LCh</sub>	37, 55.679, 348.489
Yxy	9.4705, 0.4163, 0.2300
Android (android.graphics.Color)	4288488554 (0xFF9D246A)
YUV	80.1590, 12.7396, 67.3896
Hunter-Lab	30.7741, 45.5457, -6.5105

# Details

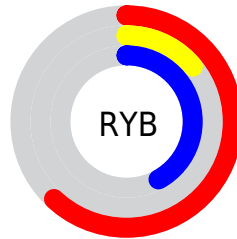
The Hex color **9D246A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **249D57**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D75D9D**, and **65003B** is the 20% darker color. If you saturate the color by 10%, you get **9D1463**, and if you desaturate by 10%, it is **9D3471**.

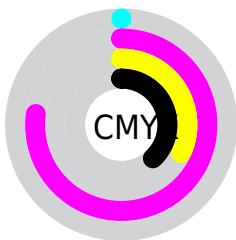
# Distribution



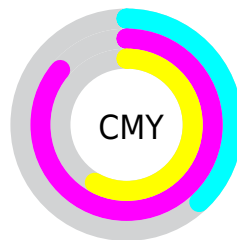
- Red (62%)
- Green (14%)
- Blue (42%)



- Red (62%)
- Yellow (14%)
- Blue (42%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (86%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D246A 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 9D246A by changing the saturation by 10% instead.



 9D246A

 9D246A

FFFFFF

 810052

 D75D9D

 65003B

 F579B8

 4A0025

 FF94D4

 31000F

 FFB0F0

 000000

 FFCDFD

 FFEAFF

 9D246A

 9D246A

 9D1463

 9D3471

9D055D

9D4377

9D005B

9D537E

9D6384

9D738B

9D8292

9D9298

9DA29F

9DB1A6

# Harmonies

## Analogous

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



7A3C93



9D246A



A4233D

# Triad

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



9D246A



505D00



00689A

# Complementary

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



9D246A



249D57

# 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.



006A72



9D246A



096513

# Square

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



9D246A



784F00



006943



0061AF

# Rectangle

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



9D246A



9D3121



006943



006A8E



# Sweetspot

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



9D246A



CC9DB8



56249D



66495A



E6E6E6



666666



# Same Dimension

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



9D246A



CC107D



9D242E



4F474C



8F0053



0F0009



# Inverse Universe

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



9D246A



CC107D



249D93



4F474C



8F0053



0F0009



# Previews

## White Background



This preview shows how the Hex color 9D246A looks on a white background.

## Color Contrast Check

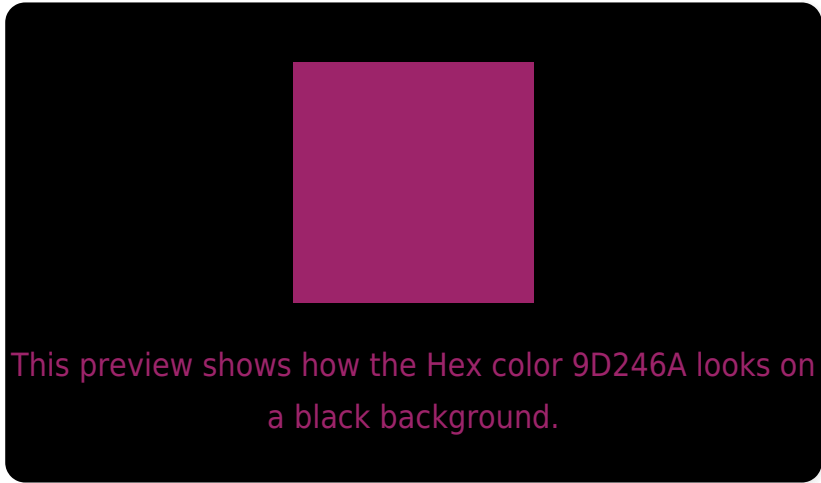
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 9D246A Background



This preview shows how black text looks on a background with the Hex color 9D246A.



This preview shows how white text looks on a background with the Hex color 9D246A.

# 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**  
9D246A

**Protanopia**  
43568D

**Deuteranopia**  
5B5664



# Trichromacy



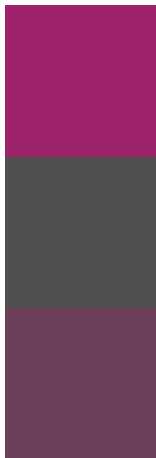
**Original Color**  
9D246A

**Protanomaly**  
644480

**Deuteranomaly**  
734466

**Tritanomaly**  
9A2E4A

# Monochromacy



**Original Color**  
9D246A

**Achromatopsia**  
505050

**Achromatomaly**  
6C4059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D246A 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 #9D246A looks like.

```
.text, #text, p{  
    color:#9D246A  
}
```

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 #9D246A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D246A
}
```

## Border

The CSS property to change the border of an element to Hex 9D246A is called "border". The border property can be set on classes, ids or directly on the HTML element.

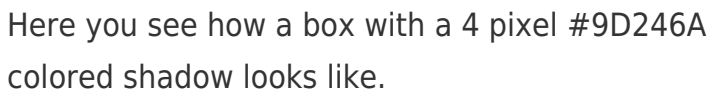
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D246A }
```

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

```
.border{ border-color:#9D246A }
```

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



Here you see how a box with a 4 pixel #9D246A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D246A; -webkit-box-shadow:4px 4px  
4px 4px #9D246A; box-shadow:4px 4px 4px  
4px #9D246A }
```

# Background

The CSS property to change the background color of an element to Hex 9D246A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D246A }
```

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

```
.background{ background-color:#9D246A }
```

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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