

# Converting Colors

Hex(9D0B67)

Have a look what the booklet for  
Hex(9D0B67) contains.

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**Color**

**Hex(9D0B67)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D0B67
RGB	157, 11, 103
RGB Percent	62%, 4%, 40%
CMY	0.3843, 0.9569, 0.5961
CMYK	0.00, 0.93, 0.34, 0.38
HSL	322°, 87%, 33%
HSV	322°, 93%, 62%
XYZ	16.4725, 8.3867, 13.5826
YIQ	65.1420, 57.4840, 59.5640

# Conversions

## Conversions Part 2

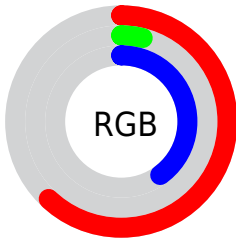
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 11, 103
Decimal	10292071
CIE <sub>Lab</sub>	34.78, 59.91, -12.39
CIE <sub>LCh</sub>	35, 61.175, 348.317
Yxy	8.3867, 0.4285, 0.2182
Android (android.graphics.Color)	4288482151 (0xFF9D0B67)
YUV	65.1420, 18.6640, 80.5595
Hunter-Lab	28.9598, 50.8519, -7.5360

# Details

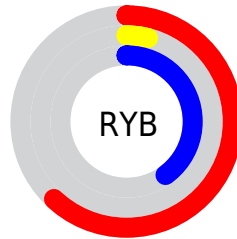
The Hex color **9D0B67** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0B9D41**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D8519A**, and **640038** is the 20% darker color. If you saturate the color by 10%, you get **9D0063**, and if you desaturate by 10%, it is **9D1B6D**.

# Distribution



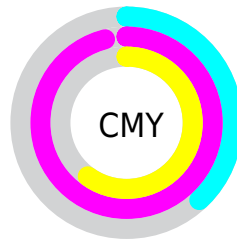
- Red (62%)
- Green (4%)
- Blue (40%)



- Red (62%)
- Yellow (4%)
- Blue (40%)



- Cyan (0%)
- Magenta (93%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (96%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D0B67 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 9D0B67 by changing the saturation by 10% instead.



 9D0B67

 9D0B67

FFFFFF

 80004F

 D8519A

 640038

 F66DB5

 490023

 FF89D1

 2F000A

 FFA5ED

 000000

 FFC2FF

 FFDFFF

 FFFCFF

 9D0B67

 9D0B67

■ 9D0063

■ 9D1B6D

■ 9D2A73

■ 9D3A78

■ 9D4A7E

■ 9D5984

■ 9D698A

■ 9D7990

■ 9D8995

■ 9D989B

# Harmonies

## Analogous

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



773394



9D0B67



A40937

# Triad

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



9D0B67



495900



00659B

# Complementary

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



9D0B67



0B9D41

# 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.



00666F



9D0B67



006100

# Square

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



9D0B67



744900



00653C



005DB2

# Rectangle

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



9D0B67



9C2417



00653C



00668E



# Sweetspot

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



9D0B67



CC93B7



410B9D



664359



E6E6E6



666666



# Same Dimension

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



9D0B67



CC0081



9D0B1E



4F474C



8F005A



0F000A



# Inverse Universe

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



9D0B67



CC0081



0B9D8A



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 9D0B67 looks on a white background.

## Color Contrast Check

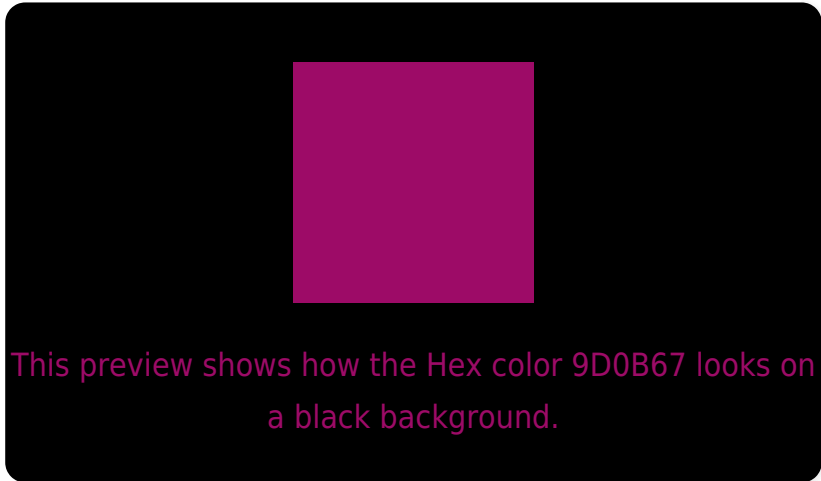
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0B67 Background



This preview shows how black text looks on a background with the Hex color 9D0B67.



This preview shows how white text looks on a background with the Hex color 9D0B67.

# 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**  
992A2B

# Trichromacy



**Original Color**  
9D0B67

**Protanomaly**  
5C3882

**Deuteranomaly**  
703863

**Tritanomaly**  
9A1F41

# Monochromacy



**Original Color**  
9D0B67

**Achromatopsia**  
414141

**Achromatomaly**  
622D4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D0B67 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 #9D0B67 looks like.

```
.text, #text, p{  
    color:#9D0B67  
}
```

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 #9D0B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0B67
}
```

## Border

The CSS property to change the border of an element to Hex 9D0B67 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
#9D0B67 }
```

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

```
.border{ border-color:#9D0B67 }
```

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

Here you see how a box with a 4 pixel #9D0B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0B67; -webkit-box-shadow:4px 4px  
4px 4px #9D0B67; box-shadow:4px 4px 4px  
4px #9D0B67 }
```

# Background

The CSS property to change the background color of an element to Hex 9D0B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0B67 }
```

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

```
.background{ background-color:#9D0B67 }
```

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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