

# Converting Colors

Hex(9F2D62)

Have a look what the booklet for  
Hex(9F2D62) contains.

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# Color

**Hex(9F2D62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F2D62
RGB	159, 45, 98
RGB Percent	62%, 18%, 38%
CMY	0.3765, 0.8235, 0.6157
CMYK	0.00, 0.72, 0.38, 0.38
HSL	332°, 56%, 40%
HSV	332°, 72%, 62%
XYZ	17.4411, 10.1295, 12.5912
YIQ	85.1280, 50.9310, 40.6510

# Conversions

## Conversions Part 2

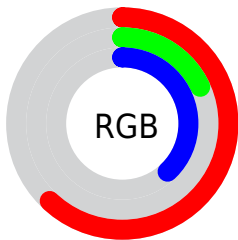
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	159, 45, 98
Decimal	10431842
CIE <sub>Lab</sub>	38.07, 51.05, -4.21
CIE <sub>LCh</sub>	38, 51.224, 355.288
Yxy	10.1295, 0.4343, 0.2522
Android (android.graphics.Color)	4288621922 (0xFF9F2D62)
YUV	85.1280, 6.3459, 64.7857
Hunter-Lab	31.8269, 42.1203, -1.1772

# Details

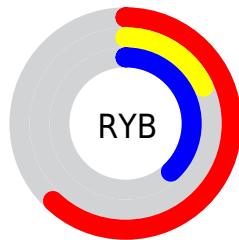
The Hex color **9F2D62** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2D9F6A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D96495**, and **670034** is the 20% darker color. If you saturate the color by 10%, you get **9F1D59**, and if you desaturate by 10%, it is **9F3D6B**.

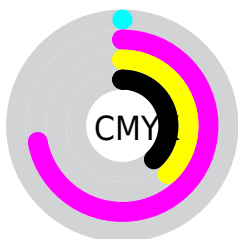
# Distribution



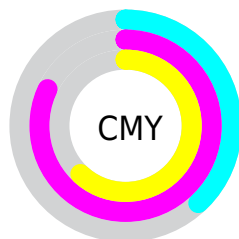
- Red (62%)
- Green (18%)
- Blue (38%)



- Red (62%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (72%)
- Yellow (38%)
- Black (38%)



- Cyan (38%)
- Magenta (82%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F2D62 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 9F2D62 by changing the saturation by 10% instead.





9F2D62



9F2D62

FFFFFF



83094A



D96495



670034



F77FAF



4B001F



FF9BCB



340004



FFB7E7



000000



FFD3FF



FFF0FF



9F2D62



9F2D62



9F1D59



9F3D6B

■ 9F0D51

■ 9F4D73

■ 9F004A

■ 9F5D7C

■ 9F6D84

■ 9F7D8D

■ 9F8C95

■ 9F9C9E

■ 9FACA6

■ 9FBCAF

# Harmonies

## Analogous

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



853D89



9F2D62



A13239

# Triad

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



9F2D62



4A6200



00699E

# Complementary

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



9F2D62



2D9F6A

# 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.



006C7C



9F2D62



006927

# Square

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



9F2D62



725600



006C52



0061AD

# Rectangle

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



9F2D62



983E1F



006C52



006B94



# Sweetspot

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



9F2D62



CFA1B6



6A2D9F



694D5A



E8E8E8



696969



# Same Dimension

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



9F2D62



CF1D70



9F312D



4F474B



8F0042



0F0007



# Inverse Universe

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



9F2D62



CF1D70



2D9B9F



4F474B



8F0042

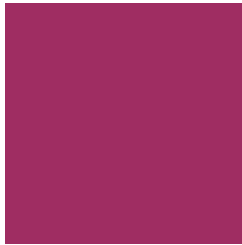


0F0007



# Previews

## White Background



This preview shows how the Hex color 9F2D62 looks on a white background.

## Color Contrast Check

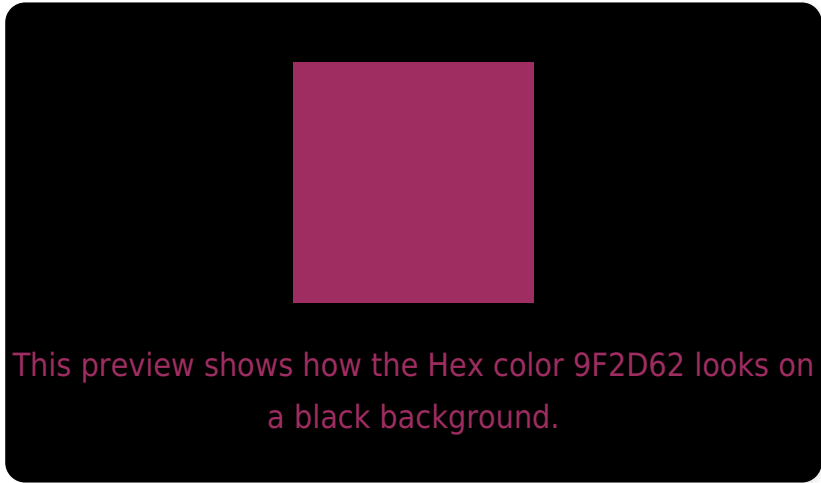
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F2D62 Background



This preview shows how black text looks on a background with the Hex color 9F2D62.



This preview shows how white text looks on a background with the Hex color 9F2D62.

# 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**  
9F2D62

**Protanopia**  
4F597F

**Deuteranopia**  
63585C



**Tritanopia**  
9C373A

# Trichromacy



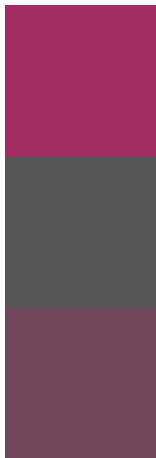
**Original Color**  
9F2D62

**Protanomaly**  
6C4974

**Deuteranomaly**  
79485E

**Tritanomaly**  
9D3349

# Monochromacy



**Original Color**  
9F2D62

**Achromatopsia**  
555555

**Achromatomaly**  
70465A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F2D62 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 #9F2D62 looks like.

```
.text, #text, p{  
    color:#9F2D62  
}
```

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 #9F2D62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F2D62
}
```

## Border

The CSS property to change the border of an element to Hex 9F2D62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

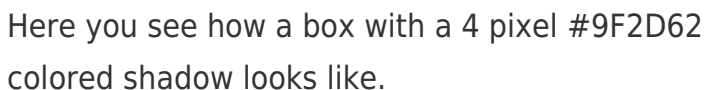
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F2D62 }
```

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

```
.border{ border-color:#9F2D62 }
```

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



Here you see how a box with a 4 pixel #9F2D62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F2D62; -webkit-box-shadow:4px 4px  
4px 4px #9F2D62; box-shadow:4px 4px 4px  
4px #9F2D62 }
```

# Background

The CSS property to change the background color of an element to Hex 9F2D62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F2D62 }
```

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

```
.background{ background-color:#9F2D62 }
```

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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