

# Converting Colors

Hex(9F1D5E)

Have a look what the booklet for  
Hex(9F1D5E) contains.

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# Color

**Hex(9F1D5E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9F1D5E
RGB	159, 29, 94
RGB Percent	62%, 11%, 37%
CMY	0.3765, 0.8863, 0.6314
CMYK	0.00, 0.82, 0.41, 0.38
HSL	330°, 69%, 37%
HSV	330°, 82%, 62%
XYZ	16.7578, 9.0578, 11.4548
YIQ	75.2800, 56.6150, 47.7750

# Conversions

## Conversions Part 2

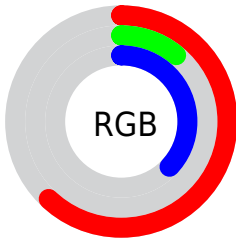
<b>Format</b>	<b>Color</b>
<b>RYB</b>	159, 29, 94
Decimal	10427742
CIELab	36.10, 55.82, -4.59
CIELCh	36, 56.009, 355.294
Yxy	9.0578, 0.4496, 0.2430
Android (android.graphics.Color)	4288617822 (0xFF9F1D5E)
YUV	75.2800, 9.2290, 73.4224
Hunter-Lab	30.0962, 46.7220, -1.4988

# Details

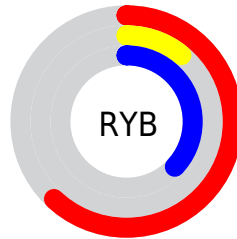
The Hex color **9F1D5E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1D9F5E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **DA5990**, and **660030** is the 20% darker color. If you saturate the color by 10%, you get **9F0D56**, and if you desaturate by 10%, it is **9F2D66**.

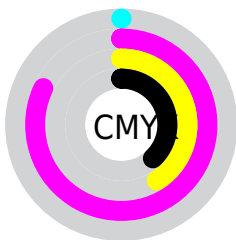
# Distribution



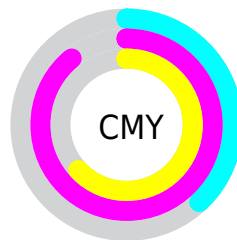
- Red (62%)
- Green (11%)
- Blue (37%)



- Red (62%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (82%)
- Yellow (41%)
- Black (38%)



- Cyan (38%)
- Magenta (89%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F1D5E 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 9F1D5E by changing the saturation by 10% instead.



9F1D5E

9F1D5E

FFFFFF

820046

DA5990

660030

F874AB

4A001B

FF90C6

310002

FFACE2

000000

FFC9FF

FFE6FF

9F1D5E

9F1D5E

9F0D56

9F2D66

■ 9F0050

■ 9F3D6E

■ 9F4D76

■ 9F5D7E

■ 9F6D86

■ 9F7C8E

■ 9F8C96

■ 9F9C9E

■ 9FACA6

# Harmonies

## Analogous

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



833489



9F1D5E



A12432

# Triad

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



9F1D5E



435E00



00659F

# Complementary

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



9F1D5E



1D9F5E

# 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.



00687A



9F1D5E



00651C

# Square

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



9F1D5E



6E5100



00684C



005DAF

# Rectangle

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



9F1D5E



963515



00684C



006794



# Sweetspot

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



9F1D5E



CF9BB5



5E1D9F



694959



E8E8E8



696969



# Same Dimension

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



9F1D5E



CF0469



9F1D1D



4F474B



8F0047



0F0008



# Inverse Universe

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



9F1D5E



CF0469



1D9F9F



4F474B



8F0047



0F0008



# Previews

## White Background



This preview shows how the Hex color 9F1D5E looks on a white background.

## Color Contrast Check

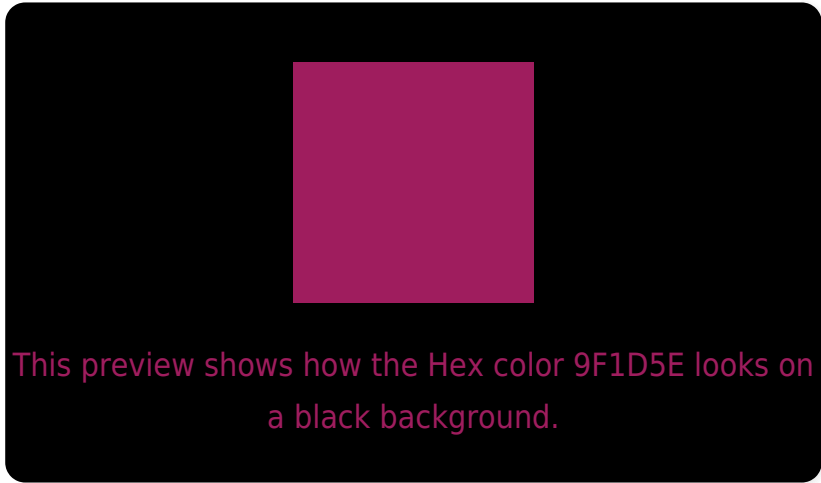
Large Text (above 18pt) WCAG AA ✓ Pass

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 9F1D5E Background



This preview shows how black text looks on a background with the Hex color 9F1D5E.



This preview shows how white text looks on a background with the Hex color 9F1D5E.

# 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**  
9C2D2F

# Trichromacy



**Original Color**  
9F1D5E

**Protanomaly**  
674174

**Deuteranomaly**  
76405A

**Tritanomaly**  
9D2740

# Monochromacy



**Original Color**  
9F1D5E

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
6A3A52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F1D5E 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 #9F1D5E looks like.

```
.text, #text, p{  
    color:#9F1D5E  
}
```

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 #9F1D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F1D5E
}
```

## Border

The CSS property to change the border of an element to Hex 9F1D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

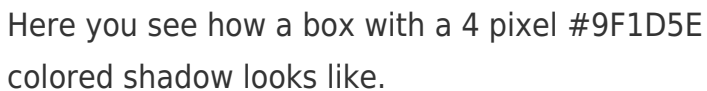
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F1D5E }
```

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

```
.border{ border-color:#9F1D5E }
```

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



Here you see how a box with a 4 pixel #9F1D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F1D5E; -webkit-box-shadow:4px 4px  
4px 4px #9F1D5E; box-shadow:4px 4px 4px  
4px #9F1D5E }
```

# Background

The CSS property to change the background color of an element to Hex 9F1D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F1D5E }
```

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

```
.background{ background-color:#9F1D5E }
```

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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