

# Converting Colors

Hex(9D4157)

Have a look what the booklet for  
Hex(9D4157) contains.

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# Color

**Hex(9D4157)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D4157
RGB	157, 65, 87
RGB Percent	62%, 25%, 34%
CMY	0.3843, 0.7451, 0.6588
CMYK	0.00, 0.59, 0.45, 0.38
HSL	346°, 41%, 44%
HSV	346°, 59%, 62%
XYZ	17.5152, 11.6368, 10.3398
YIQ	95.0160, 47.7700, 26.3460

# Conversions

## Conversions Part 2

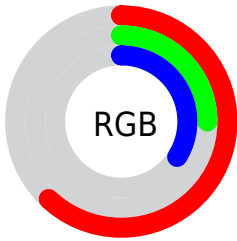
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 65, 87
Decimal	10305879
CIE Lab	40.63, 40.42, 6.40
CIE LCh	41, 40.926, 8.993
Yxy	11.6368, 0.4435, 0.2947
Android (android.graphics.Color)	4288495959 (0xFF9D4157)
YUV	95.0160, -3.9519, 54.3600
Hunter-Lab	34.1128, 31.9536, 5.9078

# Details

The Hex color **9D4157** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **419D87**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **D77589**, and **65092A** is the 20% darker color. If you saturate the color by 10%, you get **9D314B**, and if you desaturate by 10%, it is **9D5163**.

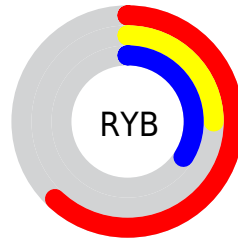
# Distribution



Red (62%)

Green (25%)

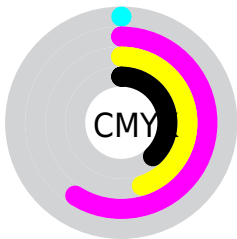
Blue (34%)



Red (62%)

Yellow (25%)

Blue (34%)

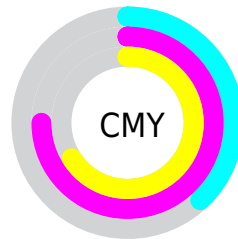


Cyan (0%)

Magenta (59%)

Yellow (45%)

Black (38%)



Cyan (38%)

Magenta (75%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D4157 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 9D4157 by changing the saturation by 10% instead.



9D4157

9D4157

FFFFFF

812740

D77589

65092A

F48FA3

4A0016

FFABBE

330001

FFC6DA

000000

FFE3F6

9D4157

9D4157

9D314B

9D5163

9D223F

9D606F

 9D1233

 9D707B

 9D0227

 9D8087

 9D0026

 9D9093

 9D9F9F

 9DAFAB

 9DBFB7

 9DCEC3

# Harmonies

## Analogous

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



904679



9D4157



984837

# Triad

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



9D4157



446A29



006A9E

# Complementary

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



9D4157



419D87

# 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.



006F89



9D4157



006E47

# Square

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



9D4157



686118



007069



3060A2

# Rectangle

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



9D4157



8C5126



007069



006C99



# Sweetspot

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



9D4157



CCA7B0



86419D



665055



E6E6E6



666666



# Same Dimension

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



9D4157



CC3D5F



9D5841



4F4749



8F0022



0F0004



# Inverse Universe

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



9D4157



CC3D5F



41869D



4F4749



8F0022

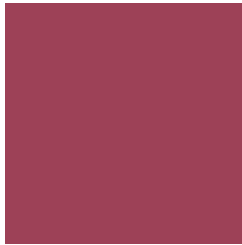


0F0004



# Previews

## White Background



This preview shows how the Hex color 9D4157 looks on a white background.

## Color Contrast Check

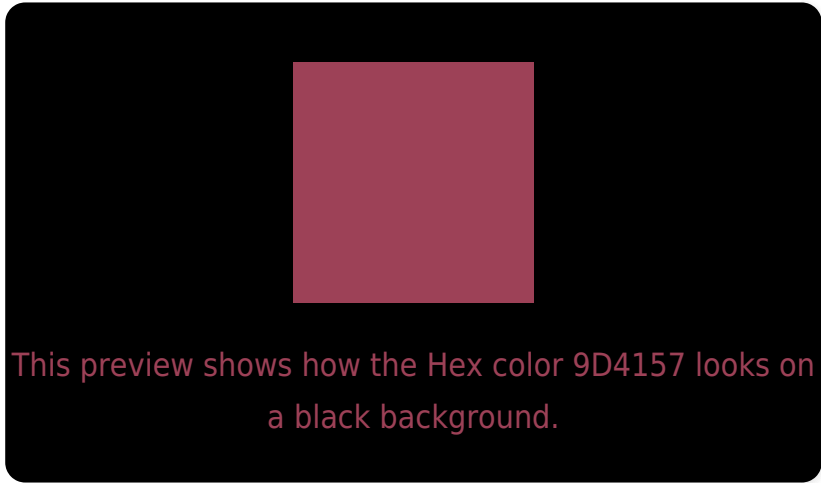
Large Text (above 18pt) WCAG AA ✓ Pass

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

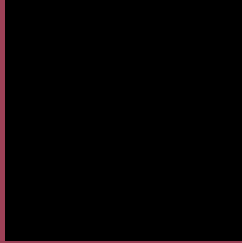
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9D4157 Background



This preview shows how black text looks on a background with the Hex color 9D4157.



This preview shows how white text looks on a background with the Hex color 9D4157.

# 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**  
9D4157

**Protanopia**  
606068

**Deuteranopia**  
6F5D53



**Tritanopia**  
9C4448

# Trichromacy



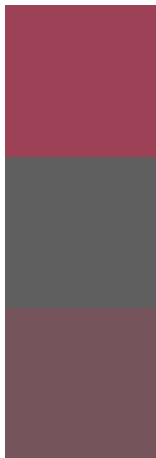
**Original Color**  
9D4157

**Protanomaly**  
765562

**Deuteranomaly**  
805354

**Tritanomaly**  
9C434D

# Monochromacy



**Original Color**  
9D4157

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
76545C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D4157 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 #9D4157 looks like.

```
.text, #text, p{  
    color:#9D4157  
}
```

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 #9D4157 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D4157
}
```

## Border

The CSS property to change the border of an element to Hex 9D4157 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
#9D4157 }
```

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

```
.border{ border-color:#9D4157 }
```

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

Here you see how a box with a 4 pixel #9D4157 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D4157; -webkit-box-shadow:4px 4px  
4px 4px #9D4157; box-shadow:4px 4px 4px  
4px #9D4157 }
```

# Background

The CSS property to change the background color of an element to Hex 9D4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D4157 }
```

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

```
.background{ background-color:#9D4157 }
```

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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