

# Converting Colors

Hex(9D254B)

Have a look what the booklet for  
Hex(9D254B) contains.

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**Color**

**Hex(9D254B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D254B
RGB	157, 37, 75
RGB Percent	62%, 15%, 29%
CMY	0.3843, 0.8549, 0.7059
CMYK	0.00, 0.76, 0.52, 0.38
HSL	341°, 62%, 38%
HSV	341°, 76%, 62%
XYZ	15.8362, 8.9992, 7.5590
YIQ	77.2120, 59.3220, 37.2580

# Conversions

## Conversions Part 2

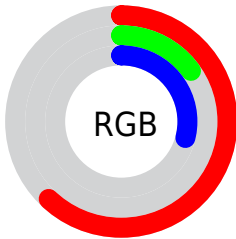
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">157, 37, 75</a>
Decimal	<a href="#">10298699</a>
CIELab	<a href="#">35.98, 51.07, 7.43</a>
CIElCh	<a href="#">36, 51.605, 8.275</a>
Yxy	<a href="#">8.9992, 0.4889, 0.2778</a>
Android (android.graphics.Color)	<a href="#">4288488779 (0xFF9D254B)</a>
YUV	<a href="#">77.2120, -1.0905, 69.9741</a>
Hunter-Lab	<a href="#">29.9987, 41.7316, 6.0594</a>

# Details

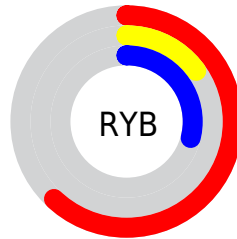
The Hex color **9D254B** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **259D77**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D85D7B**, and **640020** is the 20% darker color. If you saturate the color by 10%, you get **9D1540**, and if you desaturate by 10%, it is **9D3556**.

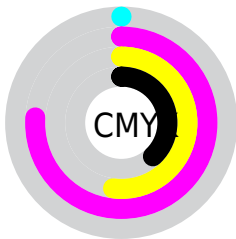
# Distribution



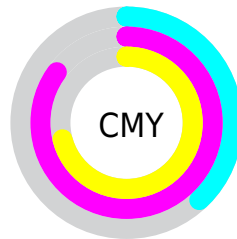
- Red (62%)
- Green (15%)
- Blue (29%)



- Red (62%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (76%)
- Yellow (52%)
- Black (38%)



- Cyan (38%)
- Magenta (85%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D254B 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 9D254B by changing the saturation by 10% instead.





9D254B



9D254B

FFFFFF



800035



D85D7B



640020



F67895



480007



FF94B0



2D0002



FFB0CB



000000



FFCCE7



FFE9FF



9D254B



9D254B



9D1540



9D3556

 9D0636

 9D4460

 9D0032

 9D546B

 9D6476

 9D7481

 9D838B

 9D9396

 9DA3A1

 9DB2AC

# Harmonies

## Analogous

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



8E2E74



9D254B



963323

# Triad

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



9D254B



2F6006



0061A2

# Complementary

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



9D254B



259D77

# 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.



006687



9D254B



006534

# Square

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



9D254B



5D5700



00675F



0056A7

# Rectangle

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



9D254B



884107



00675F



00639B



# Sweetspot

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



9D254B



CC9DAC



77259D



664952



E6E6E6



666666



# Same Dimension

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



9D254B



CC104C



9D3B25



4F474A



8F002D



0F0005



# Inverse Universe

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



9D254B



CC104C



25879D



4F474A



8F002D

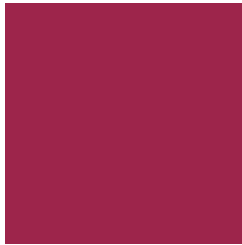


0F0005



# Previews

## White Background



This preview shows how the Hex color 9D254B looks on a white background.

## Color Contrast Check

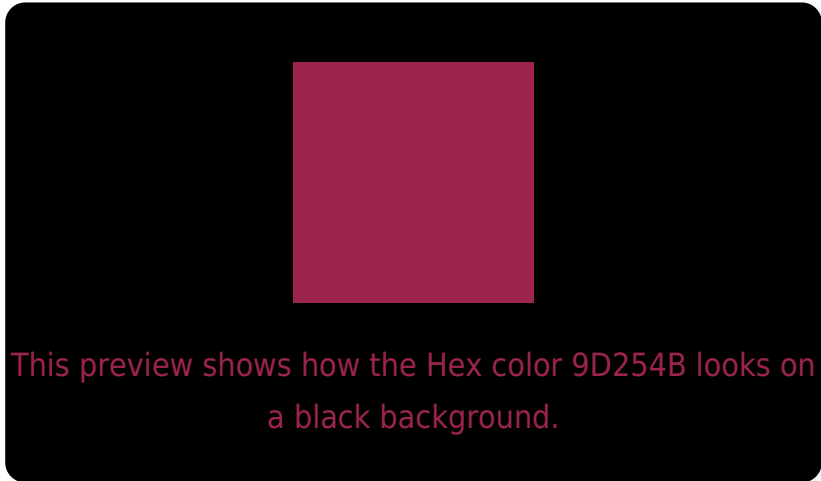
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D254B Background



This preview shows how black text looks on a background with the Hex color 9D254B.

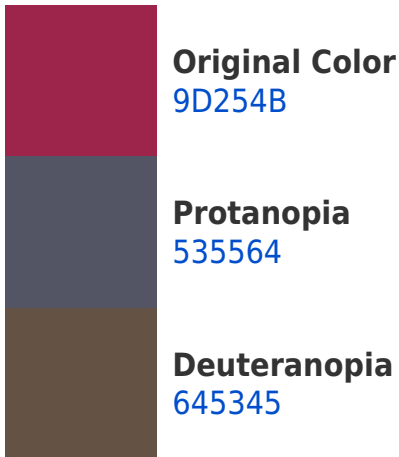


This preview shows how white text looks on a background with the Hex color 9D254B.

# 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





# Trichromacy



**Original Color**  
9D254B

**Protanomaly**  
6E445B

**Deuteranomaly**  
794247

**Tritanomaly**  
9C2939

# Monochromacy



**Original Color**  
9D254B

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
6A3E4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D254B 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 #9D254B looks like.

```
.text, #text, p{  
    color:#9D254B  
}
```

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 #9D254B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D254B
}
```

## Border

The CSS property to change the border of an element to Hex 9D254B is called "border". The border property can be set on classes, ids or directly on the HTML element.

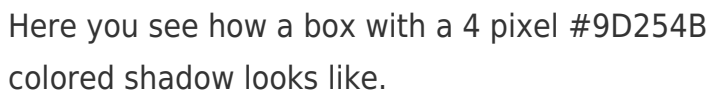
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D254B }
```

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

```
.border{ border-color:#9D254B }
```

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



Here you see how a box with a 4 pixel #9D254B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D254B; -webkit-box-shadow:4px 4px  
4px 4px #9D254B; box-shadow:4px 4px 4px  
4px #9D254B }
```

# Background

The CSS property to change the background color of an element to Hex 9D254B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D254B }
```

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

```
.background{ background-color:#9D254B }
```

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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