

# Converting Colors

Hex(9D2852)

Have a look what the booklet for  
Hex(9D2852) contains.

<b>Hex(9D2852)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9D2852)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D2852
RGB	157, 40, 82
RGB Percent	62%, 16%, 32%
CMY	0.3843, 0.8431, 0.6784
CMYK	0.00, 0.75, 0.48, 0.38
HSL	338°, 59%, 39%
HSV	338°, 75%, 62%
XYZ	16.1864, 9.2949, 8.9236
YIQ	79.7710, 56.2500, 37.8660

# Conversions

## Conversions Part 2

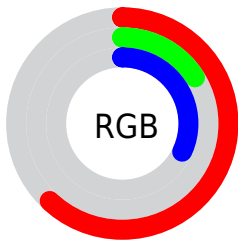
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 40, 82
Decimal	10299474
CIE <sub>Lab</sub>	36.55, 50.65, 3.72
CIE <sub>LCh</sub>	37, 50.791, 4.203
Yxy	9.2949, 0.4705, 0.2702
Android (android.graphics.Color)	4288489554 (0xFF9D2852)
YUV	79.7710, 1.0989, 67.7298
Hunter-Lab	30.4875, 41.4160, 3.9872

# Details

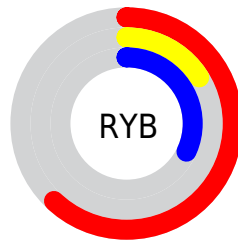
The Hex color **9D2852** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **289D73**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D85F83**, and **640026** is the 20% darker color. If you saturate the color by 10%, you get **9D1848**, and if you desaturate by 10%, it is **9D385C**.

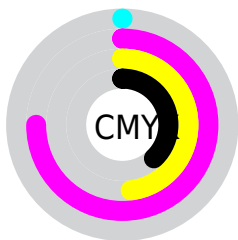
# Distribution



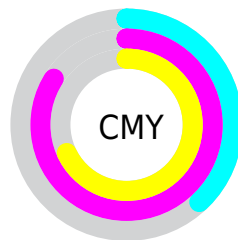
- Red (62%)
- Green (16%)
- Blue (32%)



- Red (62%)
- Yellow (16%)
- Blue (32%)



- Cyan (0%)
- Magenta (75%)
- Yellow (48%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D2852 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 9D2852 by changing the saturation by 10% instead.



 9D2852

 9D2852

FFFFFF

 80003B

 D85F83

 640026

 F67A9D

 490011

 FF96B8

 2F0002

 FFB2D4

 000000

 FFCEFO

 FFE8FF

 9D2852

 9D2852

 9D1848

 9D385C

 9D093E

 9D4766

 9D0038

 9D5770

 9D677A

 9D7784

 9D868E

 9D9698

 9DA6A3

 9DB5AD

# Harmonies

## Analogous

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



8B347A



9D2852



99332A

# Triad

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



9D2852



396003



0063A0

# Complementary

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



9D2852



289D73

# 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.



006883



9D2852



006630

# Square

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



9D2852



635600



00685B



0059A8

# Rectangle

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



9D2852



8C4011



00685B



006598



# Sweetspot

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



9D2852



CC9FAF



72289D



664B55



E6E6E6



666666



# Same Dimension

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



9D2852



CC1658



9D3828



4F474A



8F0033



0F0005



# Inverse Universe

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



9D2852



CC1658



288D9D



4F474A



8F0033

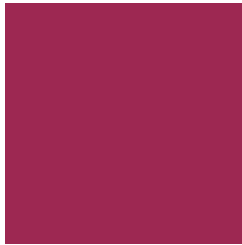


0F0005



# Previews

## White Background



This preview shows how the Hex color 9D2852 looks on a white background.

## Color Contrast Check

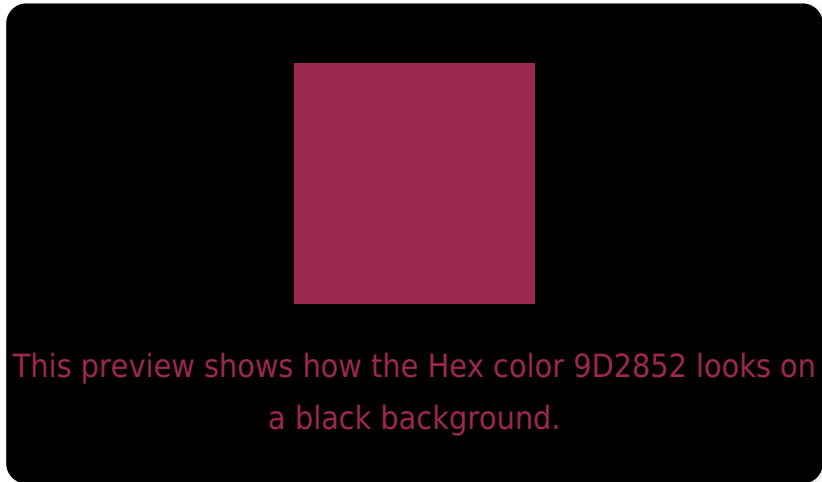
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D2852 Background



This preview shows how black text looks on a background with the Hex color 9D2852.

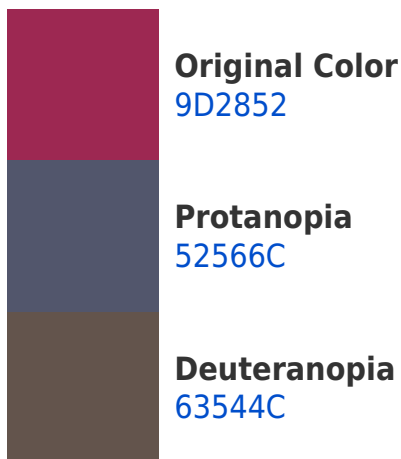


This preview shows how white text looks on a background with the Hex color 9D2852.

# 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**  
9B3032

# Trichromacy



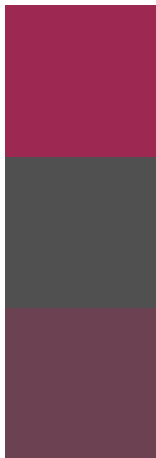
**Original Color**  
9D2852

**Protanomaly**  
6D4563

**Deuteranomaly**  
78444E

**Tritanomaly**  
9C2D3E

# Monochromacy



**Original Color**  
9D2852

**Achromatopsia**  
505050

**Achromatomaly**  
6C4151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D2852 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 #9D2852 looks like.

```
.text, #text, p{  
    color:#9D2852  
}
```

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 #9D2852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D2852
}
```

## Border

The CSS property to change the border of an element to Hex 9D2852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

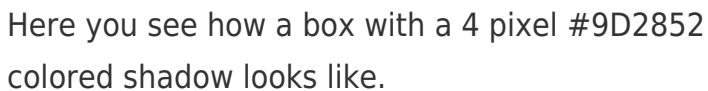
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9D2852 }
```

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

```
.border{ border-color:#9D2852 }
```

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



Here you see how a box with a 4 pixel #9D2852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D2852; -webkit-box-shadow:4px 4px  
4px 4px #9D2852; box-shadow:4px 4px 4px  
4px #9D2852 }
```

# Background

The CSS property to change the background color of an element to Hex 9D2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D2852 }
```

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

```
.background{ background-color:#9D2852 }
```

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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