

# Converting Colors

Hex(9E2956)

Have a look what the booklet for  
Hex(9E2956) contains.

<b>Hex(9E2956)</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(9E2956)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E2956
RGB	158, 41, 86
RGB Percent	62%, 16%, 34%
CMY	0.3804, 0.8392, 0.6627
CMYK	0.00, 0.74, 0.46, 0.38
HSL	337°, 59%, 39%
HSV	337°, 74%, 62%
XYZ	16.5732, 9.5269, 9.7695
YIQ	81.1130, 55.2870, 38.7990

# Conversions

## Conversions Part 2

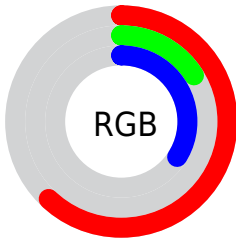
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 41, 86
Decimal	10365270
CIE <sub>Lab</sub>	36.98, 50.98, 1.81
CIE <sub>LCh</sub>	37, 51.007, 2.031
Yxy	9.5269, 0.4620, 0.2656
Android (android.graphics.Color)	4288555350 (0xFF9E2956)
YUV	81.1130, 2.4093, 67.4299
Hunter-Lab	30.8656, 41.8302, 2.8397

# Details

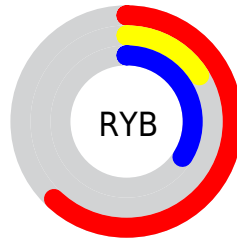
The Hex color **9E2956** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **299E71**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **D96088**, and **650029** is the 20% darker color. If you saturate the color by 10%, you get **9E194C**, and if you desaturate by 10%, it is **9E3960**.

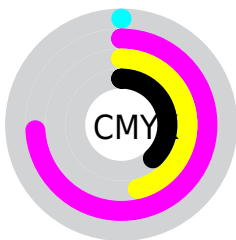
# Distribution



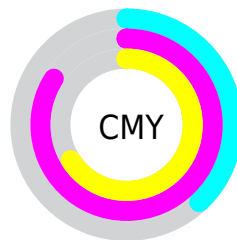
- Red (62%)
- Green (16%)
- Blue (34%)



- Red (62%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (74%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (84%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2956 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 9E2956 by changing the saturation by 10% instead.



 9E2956

 9E2956

FFFFFF

 81013F

 D96088

 650029

 F77CA2

 4A0015

 FF97BD

 300002

 FFB3D8

 000000

 FFCFF5

 FFECFF

 9E2956

 9E2956

 9E194C

 9E3960

 9E0943

 9E4969

 9E003D

 9E5873

 9E687D

 9E7887

 9E8890

 9E989A

 9EA7A4

 9EB7AE

# Harmonies

## Analogous

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



8A367E



9E2956



9B332E

# Triad

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



9E2956



3D6100



0065A0

# Complementary

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



9E2956



299E71

# 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.



006982



9E2956



00672E

# Square

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



9E2956



675600



006959



005BAA

# Rectangle

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



9E2956



8F3F14



006959



006797



# Sweetspot

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



9E2956



CFA1B3



6F299E



694D58



E8E8E8



696969



# Same Dimension

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



9E2956



CF175D



9E3529



4F474A



8F0037



0F0006



# Inverse Universe

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



9E2956



CF175D



29929E



4F474A



8F0037

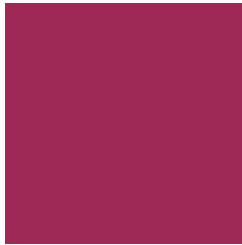


0F0006



# Previews

## White Background



This preview shows how the Hex color 9E2956 looks on a white background.

## Color Contrast Check

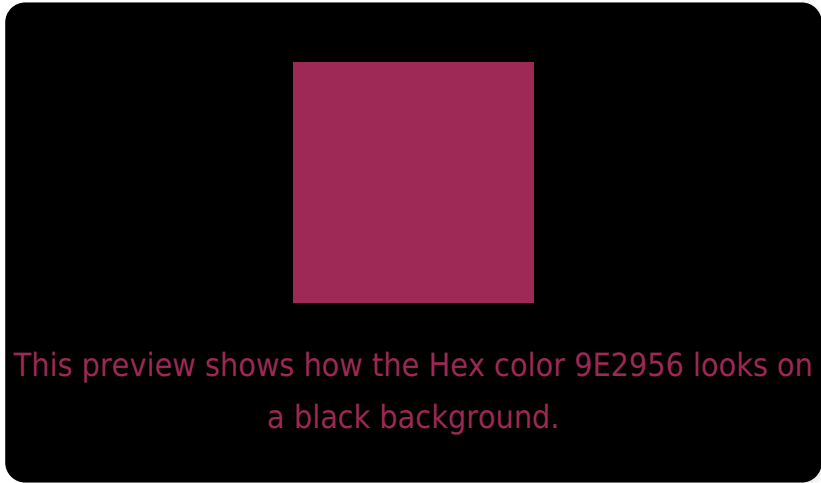
Large Text (above 18pt) WCAG AA ✓ Pass

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 9E2956 Background



This preview shows how black text looks on a background with the Hex color 9E2956.

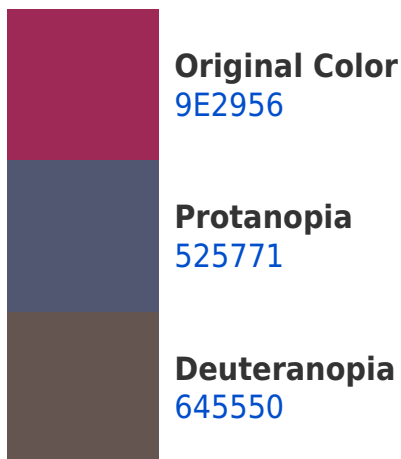



This preview shows how white text looks on a background with the Hex color 9E2956.

# 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**  
9C3134

# Trichromacy



**Original Color**  
9E2956

**Protanomaly**  
6E4667

**Deuteranomaly**  
794552

**Tritanomaly**  
9D2E40

# Monochromacy



**Original Color**  
9E2956

**Achromatopsia**  
515151

**Achromatomaly**  
6D4253

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2956 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 #9E2956 looks like.

```
.text, #text, p{  
    color:#9E2956  
}
```

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 #9E2956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2956
}
```

## Border

The CSS property to change the border of an element to Hex 9E2956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

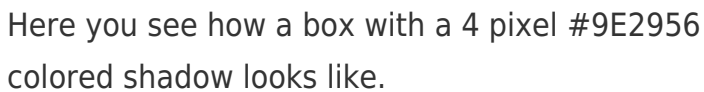
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2956 }
```

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

```
.border{ border-color:#9E2956 }
```

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



Here you see how a box with a 4 pixel #9E2956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2956; -webkit-box-shadow:4px 4px  
4px 4px #9E2956; box-shadow:4px 4px 4px  
4px #9E2956 }
```

# Background

The CSS property to change the background color of an element to Hex 9E2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2956 }
```

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

```
.background{ background-color:#9E2956 }
```

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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