

Converting Colors

Hex(9A3159)

Have a look what the booklet for
Hex(9A3159) contains.

Hex(9A3159)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9A3159)

Conversions

Conversions Part 1

Format	Color
Hex	9A3159
RGB	154, 49, 89
RGB Percent	60%, 19%, 35%
CMY	0.3961, 0.8078, 0.6510
CMYK	0.00, 0.68, 0.42, 0.40
HSL	337°, 52%, 40%
HSV	337°, 68%, 60%
XYZ	16.2279, 9.7879, 10.4851
YIQ	84.9550, 49.7400, 34.7000

Conversions

Conversions Part 2

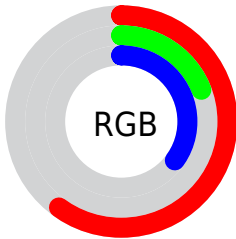
Format	Color
R_{YB}	154, 49, 89
Decimal	10105177
CIE Lab	37.46, 46.95, 0.50
CIE LCh	37, 46.957, 0.609
Yxy	9.7879, 0.4446, 0.2682
Android (android.graphics.Color)	4288295257 (0xFF9A3159)
YUV	84.9550, 1.9942, 60.5525
Hunter-Lab	31.2856, 37.8383, 2.0294

Details

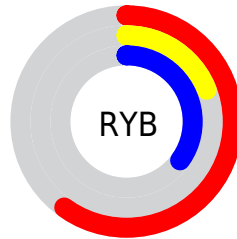
The Hex color **9A3159** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **319A72**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **D4668B**, and **62002C** is the 20% darker color. If you saturate the color by 10%, you get **9A224F**, and if you desaturate by 10%, it is **9A4063**.

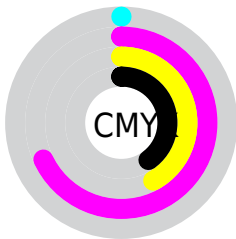
Distribution



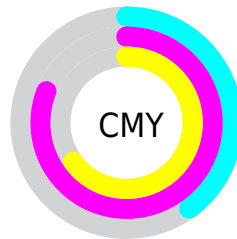
- Red (60%)
- Green (19%)
- Blue (35%)



- Red (60%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (68%)
- Yellow (42%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9A3159 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 9A3159 by changing the saturation by 10% instead.

 9A3159

 9A3159

FFFFFF

 7E1242

 D4668B

 62002C

 F281A5

 470017

 FF9CC0

 2F0002

 FFB8DC

 000000

 FFD5F9

 FFF2FF

 9A3159

 9A3159

 9A224F

 9A4063

■ 9A1246

■ 9A506C

■ 9A033C

■ 9A5F76

■ 9A003B

■ 9A6F7F

■ 9A7E89

■ 9A8D92

■ 9A9D9C

■ 9AACA5

■ 9ABCAF

Harmonies

Analogous

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



863C7E



9A3159



993834

Triad

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



9A3159



44610C



00659A

Complementary

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



9A3159



319A72

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.



00697E



9A3159



006731

Square

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



9A3159



6A5700



006958



005CA4

Rectangle

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



9A3159



8E421D



006958



006792

Sweetspot

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



9A3159



C9A1B1



72319A



664E57



E6E6E6



666666

Same Dimension

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



9A3159



C92463



9A3D31



4D4548



8C0035



0D0005

Inverse Universe

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



9A3159



C92463



318E9A



4D4548



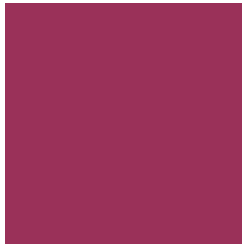
8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 9A3159 looks on a white background.

Color Contrast Check

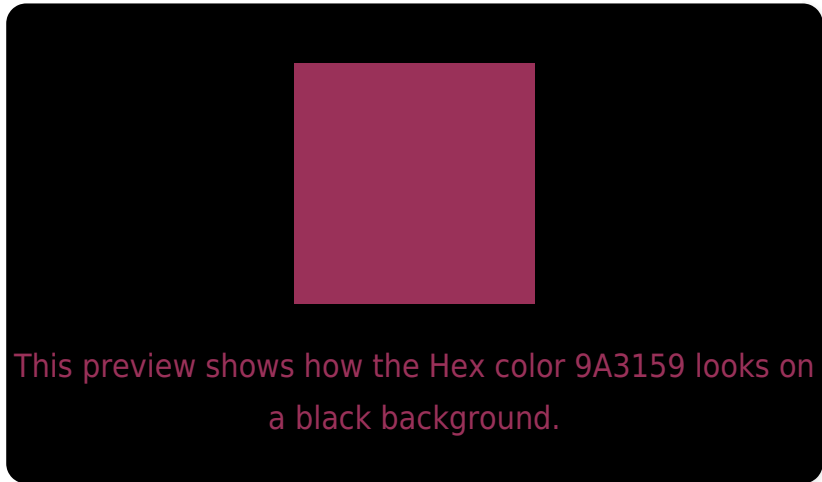
Large Text (above 18pt) WCAG AA ✓ Pass

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 9A3159 Background



This preview shows how black text looks on a background with the Hex color 9A3159.

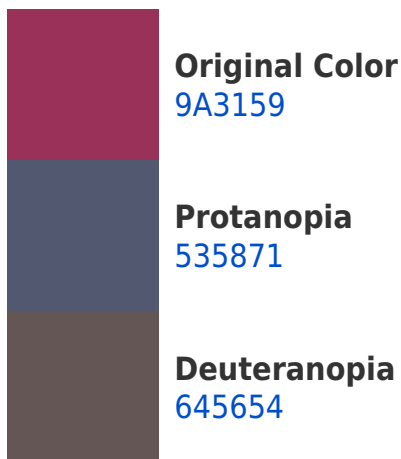


This preview shows how white text looks on a background with the Hex color 9A3159.

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
98383B

Trichromacy



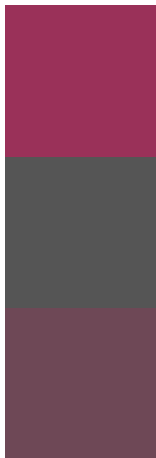
Original Color
9A3159

Protanomaly
6D4A68

Deuteranomaly
784956

Tritanomaly
993546

Monochromacy



Original Color
9A3159

Achromatopsia
555555

Achromatomaly
6E4856

CSS Examples

Text

The CSS property to change the color of the text to Hex 9A3159 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 #9A3159 looks like.

```
.text, #text, p{  
    color:#9A3159  
}
```

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 #9A3159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A3159
}
```

Border

The CSS property to change the border of an element to Hex 9A3159 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
#9A3159 }
```

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

```
.border{ border-color:#9A3159 }
```

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

Here you see how a box with a 4 pixel #9A3159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A3159; -webkit-box-shadow:4px 4px  
4px 4px #9A3159; box-shadow:4px 4px 4px  
4px #9A3159 }
```

Background

The CSS property to change the background color of an element to Hex 9A3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A3159 }
```

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

```
.background{ background-color:#9A3159 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor