

Converting Colors

Hex(9C1E59)

Have a look what the booklet for
Hex(9C1E59) contains.

Hex(9C1E59)	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(9C1E59)

Conversions

Conversions Part 1

Format	Color
Hex	9C1E59
RGB	156, 30, 89
RGB Percent	61%, 12%, 35%
CMY	0.3882, 0.8824, 0.6510
CMYK	0.00, 0.81, 0.43, 0.39
HSL	332°, 68%, 36%
HSV	332°, 81%, 61%
XYZ	15.9777, 8.7177, 10.2918
YIQ	74.4000, 56.1570, 45.0610

Conversions

Conversions Part 2

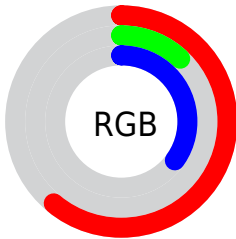
Format	Color
R_{YB}	156, 30, 89
Decimal	10231385
CIE _{Lab}	35.44, 54.25, -2.42
CIE _{LCh}	35, 54.300, 357.442
Yxy	8.7177, 0.4567, 0.2492
Android (android.graphics.Color)	4288421465 (0xFF9C1E59)
YUV	74.4000, 7.1978, 71.5632
Hunter-Lab	29.5258, 44.9242, 0.0014

Details

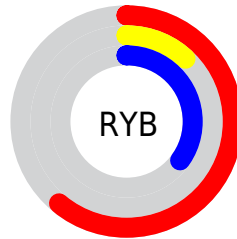
The Hex color **9C1E59** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1E9C61**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **D7598B**, and **63002C** is the 20% darker color. If you saturate the color by 10%, you get **9C0E51**, and if you desaturate by 10%, it is **9C2E61**.

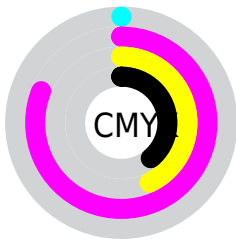
Distribution



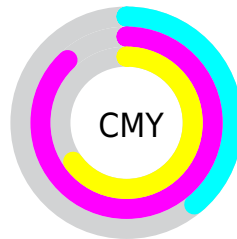
- Red (61%)
- Green (12%)
- Blue (35%)



- Red (61%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (43%)
- Black (39%)



- Cyan (39%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C1E59 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 9C1E59 by changing the saturation by 10% instead.

 9C1E59

 9C1E59

FFFFFF

 7F0042

 D7598B

 63002C

 F574A5

 480017

 FF90C0

 2E0002

 FFACDC

 000000

 FFC8F9

 FFE5FF

 9C1E59

 9C1E59

 9C0E51

 9C2E61

■ 9C0049

■ 9C3D6A

■ 9C4D72

■ 9C5C7A

■ 9C6C82

■ 9C7C8B

■ 9C8B93

■ 9C9B9B

■ 9CAAA4

Harmonies

Analogous

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



833283



9C1E59



9C272E

Triad

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



9C1E59



3F5C00



00639D

Complementary

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



9C1E59



1E9C61

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.



00667A



9C1E59



006320

Square

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



9C1E59



695000



00664E



005AAB

Rectangle

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



9C1E59



913612



00664E



006593

Sweetspot

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



9C1E59



CC9BB2



5F1E9C



664856



E6E6E6



666666

Same Dimension

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



9C1E59



CC0663



9C201E



4F474B



8F0043



0F0007

Inverse Universe

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



9C1E59



CC0663



1E9A9C



4F474B



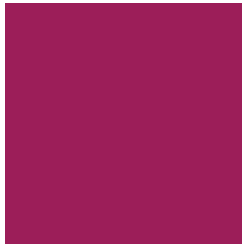
8F0043



0F0007

Previews

White Background



This preview shows how the Hex color 9C1E59 looks on a white background.

Color Contrast Check

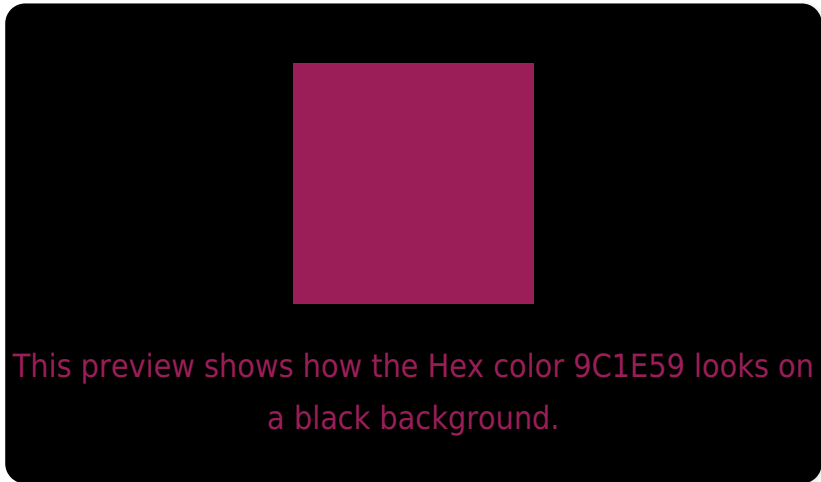
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1E59 Background



This preview shows how black text looks on a background with the Hex color 9C1E59.



This preview shows how white text looks on a background with the Hex color 9C1E59.

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
9C1E59

Protanomaly
67406D

Deuteranomaly
753F55

Tritanomaly
9A273D

Monochromacy



Original Color
9C1E59

Achromatopsia
4A4A4A

Achromatomaly
683A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C1E59 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 #9C1E59 looks like.

```
.text, #text, p{  
    color:#9C1E59  
}
```

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 #9C1E59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1E59
}
```

Border

The CSS property to change the border of an element to Hex 9C1E59 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".

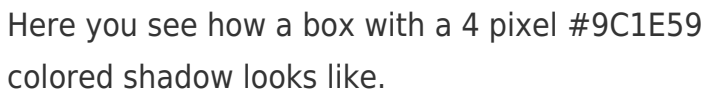
```
.border, #border, table{ border:4px solid
#9C1E59 }
```

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

```
.border{ border-color:#9C1E59 }
```

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

Here you see how a box with a 4 pixel #9C1E59 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1E59; -webkit-box-shadow:4px 4px  
4px 4px #9C1E59; box-shadow:4px 4px 4px  
4px #9C1E59 }
```

Background

The CSS property to change the background color of an element to Hex 9C1E59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1E59 }
```

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

```
.background{ background-color:#9C1E59 }
```

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