

Converting Colors

Hex(9B1D39)

Have a look what the booklet for
Hex(9B1D39) contains.

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Color

Hex(9B1D39)

Conversions

Conversions Part 1

Format	Color
Hex	9B1D39
RGB	155, 29, 57
RGB Percent	61%, 11%, 22%
CMY	0.3922, 0.8863, 0.7765
CMYK	0.00, 0.81, 0.63, 0.39
HSL	347°, 68%, 36%
HSV	347°, 81%, 61%
XYZ	14.6955, 8.1427, 4.6681
YIQ	69.8660, 66.1080, 35.4200

Conversions

Conversions Part 2

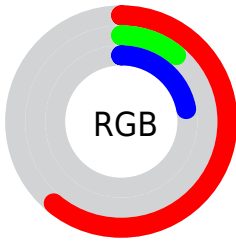
Format	Color
RYB	155, 29, 57
Decimal	10165561
CIELab	34.28, 51.64, 16.69
CIElCh	34, 54.273, 17.908
Yxy	8.1427, 0.5343, 0.2960
Android (android.graphics.Color)	4288355641 (0xFF9B1D39)
YUV	69.8660, -6.3429, 74.6625
Hunter-Lab	28.5354, 41.9887, 10.2756

Details

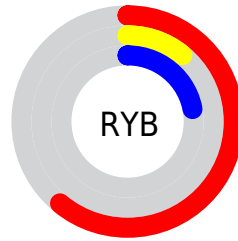
The Hex color **9B1D39** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1D9B7F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D75768**, and **61000F** is the 20% darker color. If you saturate the color by 10%, you get **9B0E2D**, and if you desaturate by 10%, it is **9B2D45**.

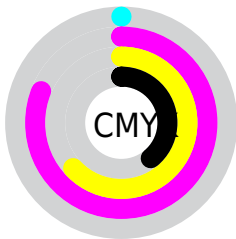
Distribution



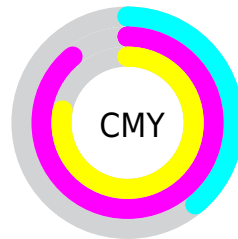
- Red (61%)
- Green (11%)
- Blue (22%)



- Red (61%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (81%)
- Yellow (63%)
- Black (39%)



- Cyan (39%)
- Magenta (89%)
- Yellow (78%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B1D39 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 9B1D39 by changing the saturation by 10% instead.

 9B1D39

 9B1D39

FFFFFF

 7E0024

 D75768

 61000F

 F67281

 450001

 FF8E9B

 280001

 FFA9B5

 000000

 FFC6D1

 FFE3ED

 9B1D39

 9B1D39

 9B0E2D

 9B2D45

■ 9B0022

■ 9B3C51

■ 9B4C5D

■ 9B5B69

■ 9B6B75

■ 9B7A81

■ 9B8A8D

■ 9B9999

■ 9BA9A6

Harmonies

Analogous

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



941F64



9B1D39



8D340F

Triad

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



9B1D39



055E0D



005BA6

Complementary

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



9B1D39



1D9B7F

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.



006290



9B1D39



00623D

Square

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



9B1D39



4B5600



00636A



174DA4

Rectangle

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



9B1D39



7C4200



00636A



005EA1

Sweetspot

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



9B1D39



C999A4



7E1D9B



66484F



E6E6E6



666666

Same Dimension

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



9B1D39



C90430



9B3F1D



4D4547



8C001F



0D0003

Inverse Universe

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



9B1D39



C90430



1D799B



4D4547



8C001F



0D0003

Previews

White Background



This preview shows how the Hex color 9B1D39 looks on a white background.

Color Contrast Check

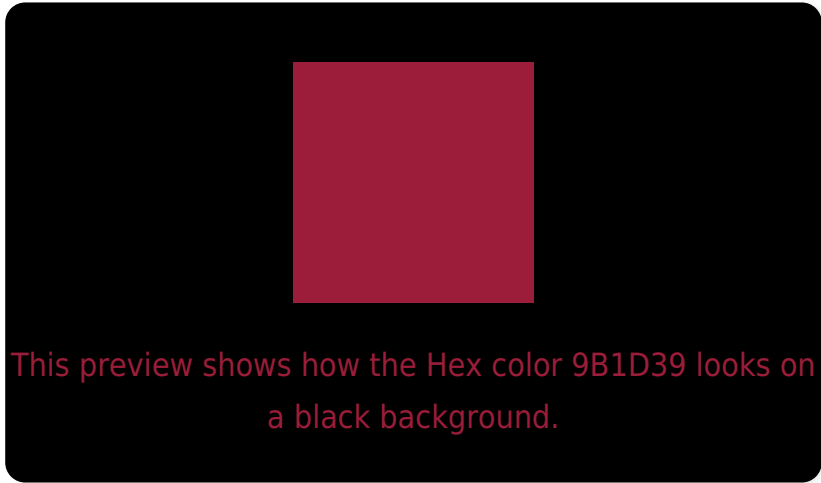
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B1D39 Background



This preview shows how black text looks on a background with the Hex color 9B1D39.



This preview shows how white text looks on a background with the Hex color 9B1D39.

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



Original Color
9B1D39

Protanopia
54524F

Deuteranopia
634E33



Tritanopia
9A2223

Trichromacy



Original Color
9B1D39

Protanomaly
6E3F47

Deuteranomaly
773C35

Tritanomaly
9A202B

Monochromacy



Original Color
9B1D39

Achromatopsia
464646

Achromatomaly
653741

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B1D39 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 #9B1D39 looks like.

```
.text, #text, p{  
    color:#9B1D39  
}
```

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 #9B1D39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B1D39
}
```

Border

The CSS property to change the border of an element to Hex 9B1D39 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
#9B1D39 }
```

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

```
.border{ border-color:#9B1D39 }
```

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

Here you see how a box with a 4 pixel #9B1D39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B1D39; -webkit-box-shadow:4px 4px  
4px 4px #9B1D39; box-shadow:4px 4px 4px  
4px #9B1D39 }
```

Background

The CSS property to change the background color of an element to Hex 9B1D39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B1D39 }
```

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

```
.background{ background-color:#9B1D39 }
```

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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