

Converting Colors

Hex(9C1E31)

Have a look what the booklet for
Hex(9C1E31) contains.

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Color

Hex(9C1E31)

Conversions

Conversions Part 1

Format	Color
Hex	9C1E31
RGB	156, 30, 49
RGB Percent	61%, 12%, 19%
CMY	0.3882, 0.8824, 0.8078
CMYK	0.00, 0.81, 0.69, 0.39
HSL	351°, 68%, 36%
HSV	351°, 81%, 61%
XYZ	14.7290, 8.2182, 3.7157
YIQ	69.8400, 68.9970, 32.6210

Conversions

Conversions Part 2

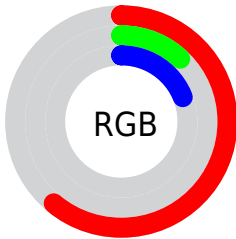
Format	Color
R_{YB}	156, 30, 49
Decimal	10231345
CIE _{Lab}	34.43, 51.18, 22.08
CIE _{LCh}	34, 55.740, 23.338
Yxy	8.2182, 0.5524, 0.3082
Android (android.graphics.Color)	4288421425 (0xFF9C1E31)
YUV	69.8400, -10.2741, 75.5623
Hunter-Lab	28.6674, 41.5430, 12.3824

Details

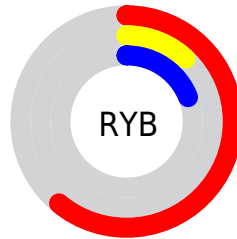
The Hex color **9C1E31** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1E9C89**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D8585F**, and **610003** is the 20% darker color. If you saturate the color by 10%, you get **9C0E24**, and if you desaturate by 10%, it is **9C2E3E**.

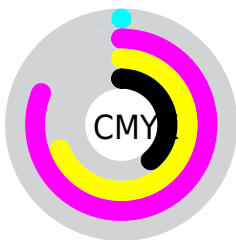
Distribution



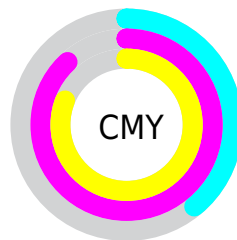
- Red (61%)
- Green (12%)
- Blue (19%)



- Red (61%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (81%)
- Yellow (69%)
- Black (39%)



- Cyan (39%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C1E31 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 9C1E31 by changing the saturation by 10% instead.

 9C1E31

 9C1E31

FFFFFF

 7E001C

 D8585F

 610003

 F77378

 450000

 FF8E91

 280001

 FFAAAC

 000000

 FFC6C7

 FFE3E3

 9C1E31

 9C1E31

 9C0E24

 9C2E3E

 9C0018

 9C3D4B

 9C4D59

 9C5C66

 9C6C73

 9C7C80

 9C8B8E

 9C9B9B

 9CAAA8

Harmonies

Analogous

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



99185D



9C1E31



8B3702

Triad

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



9C1E31



006015



005AAA

Complementary

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



9C1E31



1E9C89

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.



006298



9C1E31



006345

Square

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



9C1E31



425900



006473



334AA3

Rectangle

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



9C1E31



774600



006473



005DA7

Sweetspot

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



9C1E31



CC9BA2



871E9C



66484D



E6E6E6



666666

Same Dimension

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



9C1E31



CC0624



9C481E



4F4748



8F0016



0F0002

Inverse Universe

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



9C1E31



CC0624



1E729C



4F4748



8F0016



0F0002

Previews

White Background



This preview shows how the Hex color 9C1E31 looks on a white background.

Color Contrast Check

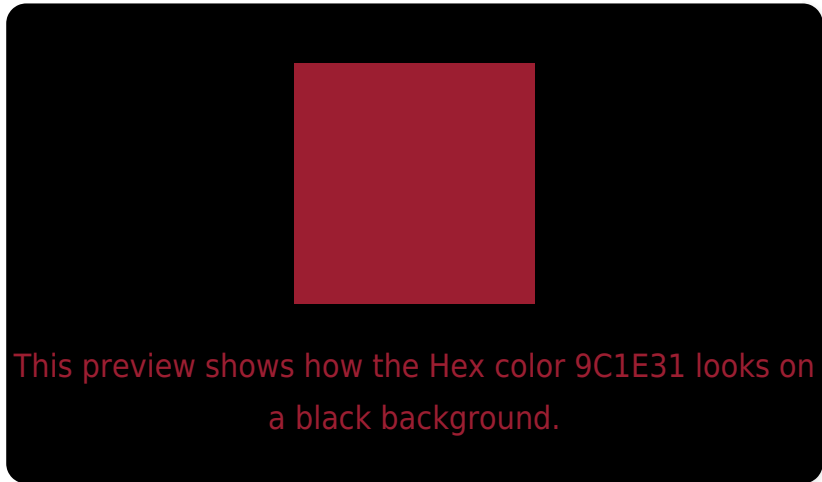
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1E31 Background



This preview shows how black text looks on a background with the Hex color 9C1E31.

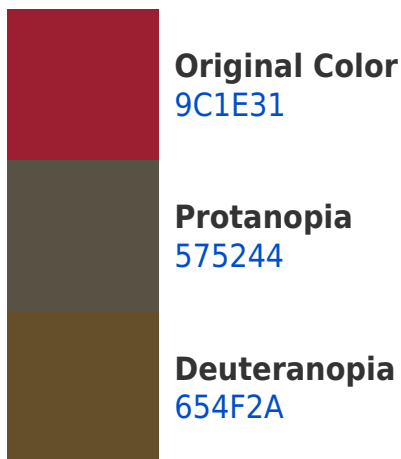


This preview shows how white text looks on a background with the Hex color 9C1E31.

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
9B2122

Trichromacy



Original Color
9C1E31

Protanomaly
703F3D

Deuteranomaly
793D2D

Tritanomaly
9B2027

Monochromacy



Original Color
9C1E31

Achromatopsia
464646

Achromatomaly
65373E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C1E31 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 #9C1E31 looks like.

```
.text, #text, p{  
    color:#9C1E31  
}
```

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 #9C1E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1E31
}
```

Border

The CSS property to change the border of an element to Hex 9C1E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

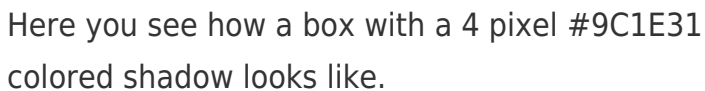
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C1E31 }
```

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

```
.border{ border-color:#9C1E31 }
```

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



Here you see how a box with a 4 pixel #9C1E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1E31; -webkit-box-shadow:4px 4px  
4px 4px #9C1E31; box-shadow:4px 4px 4px  
4px #9C1E31 }
```

Background

The CSS property to change the background color of an element to Hex 9C1E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1E31 }
```

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

```
.background{ background-color:#9C1E31 }
```

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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