

# Converting Colors

Hex(9C1929)

Have a look what the booklet for  
Hex(9C1929) contains.

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# Color

Hex(9C1929)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C1929
RGB	156, 25, 41
RGB Percent	61%, 10%, 16%
CMY	0.3882, 0.9020, 0.8392
CMYK	0.00, 0.84, 0.74, 0.39
HSL	353°, 72%, 35%
HSV	353°, 84%, 61%
XYZ	14.4582, 7.9233, 2.8651
YIQ	65.9930, 72.9400, 32.7480

# Conversions

## Conversions Part 2

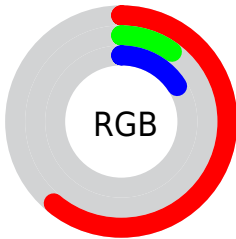
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 25, 41
Decimal	10230057
CIELab	33.82, 52.16, 26.41
CIELCh	34, 58.463, 26.859
Yxy	7.9233, 0.5727, 0.3138
Android (android.graphics.Color)	4288420137 (0xFF9C1929)
YUV	65.9930, -12.3215, 78.9361
Hunter-Lab	28.1483, 42.4256, 13.6689

# Details

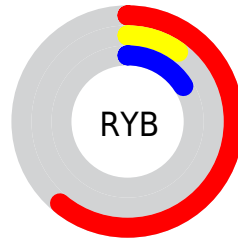
The Hex color **9C1929** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **199C8C**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **D95456**, and **610000** is the 20% darker color. If you saturate the color by 10%, you get **9C091B**, and if you desaturate by 10%, it is **9C2937**.

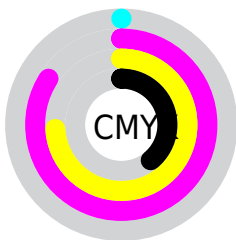
# Distribution



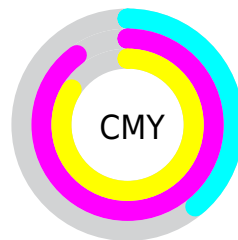
- Red (61%)
- Green (10%)
- Blue (16%)



- Red (61%)
- Yellow (10%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (90%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C1929 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 9C1929 by changing the saturation by 10% instead.





9C1929



9C1929

FFFFFF



7E0015



D95456



610000



F8706F



440001



FF8B88



270001



FFA7A2



000000



FFC3BD



FFE0D9



FFFDF6



9C1929



9C1929

■ 9C091B

■ 9C2937

■ 9C0013

■ 9C3844

■ 9C4852

■ 9C5760

■ 9C676D

■ 9C777B

■ 9C8689

■ 9C9697

■ 9CA5A4

# Harmonies

## Analogous

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



9C0857



9C1929



883700

# Triad

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



9C1929



006017



0057AD

# Complementary

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



9C1929



199C8C

# 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.



00609D



9C1929



006349

# Square

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



9C1929



395900



006378



3C45A3

# Rectangle

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



9C1929



734600



006378



005BAB



# Sweetspot

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



9C1929



CC999F



8B199C



66474B



E6E6E6



666666



# Same Dimension

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



9C1929



CC0019



9C4919



4F4748



8F0011



0F0002



# Inverse Universe

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



9C1929



CC0019



196C9C



4F4748



8F0011



0F0002



# Previews

## White Background



This preview shows how the Hex color 9C1929 looks on a white background.

## Color Contrast Check

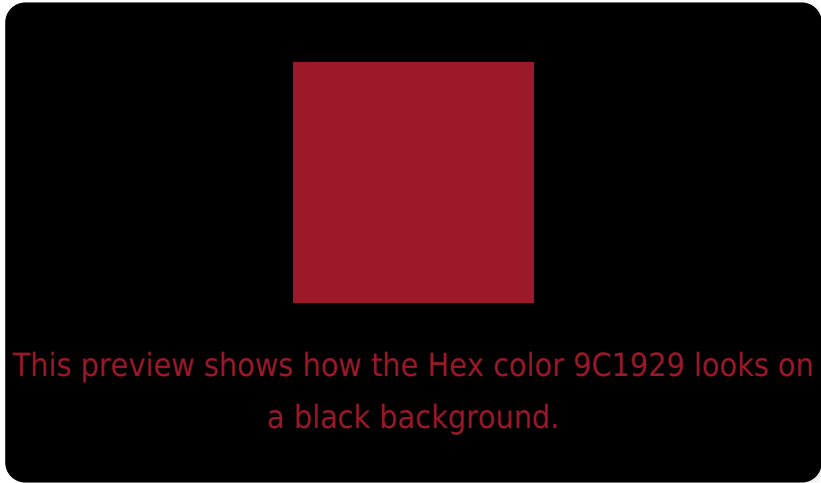
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1929 Background



This preview shows how black text looks on a background with the Hex color 9C1929.



This preview shows how white text looks on a background with the Hex color 9C1929.

# 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**  
9C1929

**Protanopia**  
57513B

**Deuteranopia**  
654D21



**Tritanopia**  
9C1C1B

# Trichromacy



**Original Color**  
9C1929

**Protanomaly**  
703D34

**Deuteranomaly**  
793A24

**Tritanomaly**  
9C1B20

# Monochromacy



**Original Color**  
9C1929

**Achromatopsia**  
424242

**Achromatomaly**  
633339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C1929 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 #9C1929 looks like.

```
.text, #text, p{  
    color:#9C1929  
}
```

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 #9C1929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1929
}
```

## Border

The CSS property to change the border of an element to Hex 9C1929 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
#9C1929 }
```

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

```
.border{ border-color:#9C1929 }
```

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

Here you see how a box with a 4 pixel #9C1929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1929; -webkit-box-shadow:4px 4px  
4px 4px #9C1929; box-shadow:4px 4px 4px  
4px #9C1929 }
```

# Background

The CSS property to change the background color of an element to Hex 9C1929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1929 }
```

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

```
.background{ background-color:#9C1929 }
```

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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