

Converting Colors

Hex(9C1235)

Have a look what the booklet for
Hex(9C1235) contains.

Hex(9C1235)	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(9C1235)

Conversions

Conversions Part 1

Format	Color
Hex	9C1235
RGB	156, 18, 53
RGB Percent	61%, 7%, 21%
CMY	0.3882, 0.9294, 0.7922
CMYK	0.00, 0.88, 0.66, 0.39
HSL	345°, 79%, 34%
HSV	345°, 88%, 61%
XYZ	14.5692, 7.7576, 4.0976
YIQ	63.2520, 71.0130, 40.1410

Conversions

Conversions Part 2

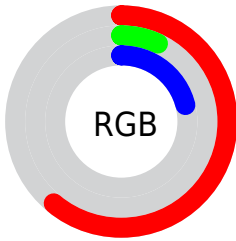
Format	Color
R _Y B	156, 18, 53
Decimal	10228277
CIE Lab	33.47, 54.34, 18.28
CIE LCh	33, 57.335, 18.587
Yxy	7.7576, 0.5514, 0.2936
Android (android.graphics.Color)	4288418357 (0xFF9C1235)
YUV	63.2520, -5.0542, 81.3400
Hunter-Lab	27.8524, 44.6291, 10.7740

Details

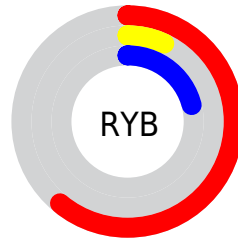
The Hex color **9C1235** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **129C79**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **D85163**, and **610009** is the 20% darker color. If you saturate the color by 10%, you get **9C0229**, and if you desaturate by 10%, it is **9C2241**.

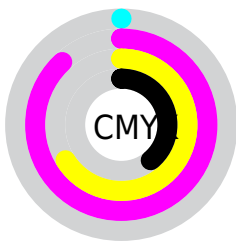
Distribution



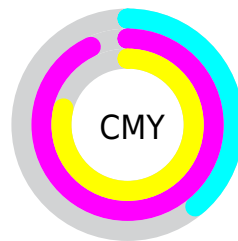
- Red (61%)
- Green (7%)
- Blue (21%)



- Red (61%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (88%)
- Yellow (66%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C1235 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 9C1235 by changing the saturation by 10% instead.

 9C1235

 9C1235

FFFFFF

 7E0020

 D85163

 610009

 F76D7C

 450001

 FF8896

 270001

 FFA4B0

 000000

 FFC1CC

 FFDEE8

 FFFBFF

 9C1235

 9C1235

 9C0229

 9C2241

 9C0028

 9C314C

 9C4158

 9C5064

 9C606F

 9C707B

 9C7F87

 9C8F92

 9C9E9E

Harmonies

Analogous

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



951362



9C1235



8D3006

Triad

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



9C1235



005D05



0059A9

Complementary

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



9C1235



129C79

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.



006093



9C1235



00613B

Square

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



9C1235



475500



00626B



064BA6

Rectangle

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



9C1235



7A4000



00626B



005CA4

Sweetspot

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



9C1235



CC95A3



77129C



66454E



E6E6E6



666666

Same Dimension

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



9C1235



CC0034



9C3212



4F4749



8F0024



0F0004

Inverse Universe

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



9C1235



CC0034



127C9C



4F4749



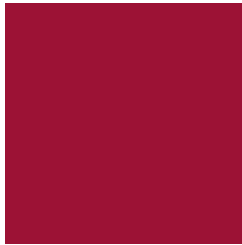
8F0024



0F0004

Previews

White Background



This preview shows how the Hex color 9C1235 looks on a white background.

Color Contrast Check

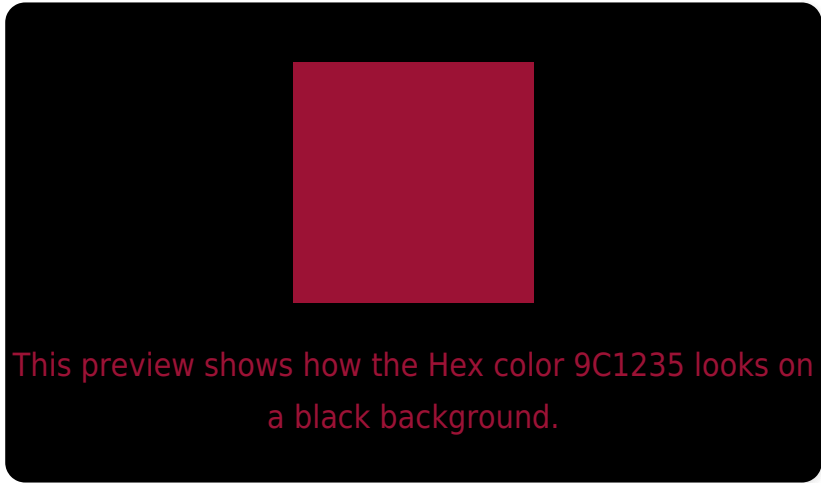
Large Text (above 18pt) WCAG AA ✓ Pass

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

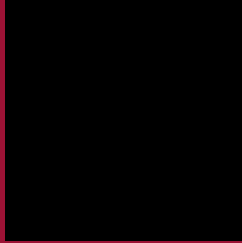
Any Text WCAG AA × Fail

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 9C1235 Background



This preview shows how black text looks on a background with the Hex color 9C1235.

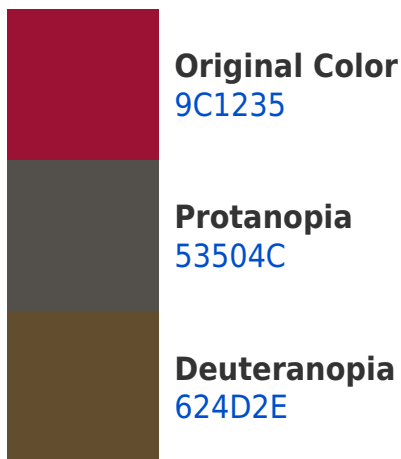


This preview shows how white text looks on a background with the Hex color 9C1235.

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
9B1A19

Trichromacy



Original Color
9C1235

Protanomaly
6E3944

Deuteranomaly
773831

Tritanomaly
9B1723

Monochromacy



Original Color
9C1235

Achromatopsia
3F3F3F

Achromatomaly
612F3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C1235 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 #9C1235 looks like.

```
.text, #text, p{  
    color:#9C1235  
}
```

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 #9C1235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1235
}
```

Border

The CSS property to change the border of an element to Hex 9C1235 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
#9C1235 }
```

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

```
.border{ border-color:#9C1235 }
```

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

Here you see how a box with a 4 pixel #9C1235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1235; -webkit-box-shadow:4px 4px  
4px 4px #9C1235; box-shadow:4px 4px 4px  
4px #9C1235 }
```

Background

The CSS property to change the background color of an element to Hex 9C1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1235 }
```

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

```
.background{ background-color:#9C1235 }
```

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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