

# Converting Colors

Hex(9C0028)

Have a look what the booklet for  
Hex(9C0028) contains.

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**Color**

**Hex(9C0028)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 9C0028                    |
| RGB         | 156, 0, 40                |
| RGB Percent | 61%, 0%, 16%              |
| CMY         | 0.3882, 1.0000, 0.8431    |
| CMYK        | 0.00, 1.00, 0.74, 0.39    |
| HSL         | 345°, 100%, 31%           |
| HSV         | 345°, 100%, 61%           |
| XYZ         | 14.0933, 7.2211, 2.6585   |
| YIQ         | 51.2040, 80.1360, 45.5120 |

# Conversions

## Conversions Part 2

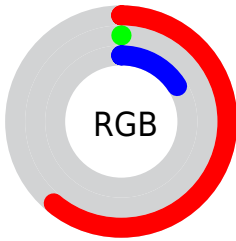
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 156, 0, 40                   |
| Decimal                             | 10223656                     |
| CIE <sub>Lab</sub>                  | 32.31, 56.43, 25.26          |
| CIE <sub>LCh</sub>                  | 32, 61.829, 24.117           |
| Yxy                                 | 7.2211, 0.5879,<br>0.3012    |
| Android<br>(android.graphics.Color) | 4288413736<br>(0xFF9C0028)   |
| YUV                                 | 51.2040, -5.5236,<br>91.9061 |
| Hunter-Lab                          | 26.8721, 46.5895,<br>12.9449 |

# Details

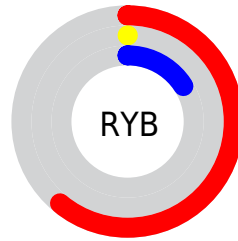
The Hex color **9C0028** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009C74**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **D94A55**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C0028**, and if you desaturate by 10%, it is **9C1034**.

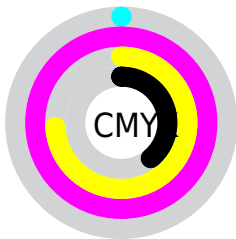
# Distribution



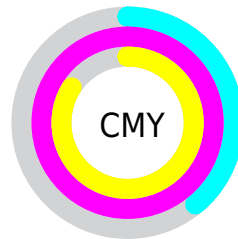
- Red (61%)
- Green (0%)
- Blue (16%)



- Red (61%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0028 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 9C0028 by changing the saturation by 10% instead.



 9C0028

 9C0028

FFFFFF

 7E0014

 D94A55

 600000

 F9666D

 440002

 FF8286

 250001

 FF9EA1

 000000

 FFBBBC

 FFD8D7

 FFF5F4

 9C0028

 9C1034

 9C1F3F

 9C2F4B

 9C3E56

 9C4E62

 9C5E6E

 9C6D79

 9C7D85

 9C8C90

# Harmonies

## Analogous

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



9A0058



9C0028



882F00

# Triad

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



9C0028



005C06



0056AE

# Complementary

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



9C0028



009C74

# 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.



005E9B



9C0028



005F41

# Square

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



9C0028



385500



006073



2444A6

# Rectangle

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



9C0028



734000



006073



0059AB



# Sweetspot

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



9C0028



CC8F9E



72009C



66414B



E6E6E6



666666



# Same Dimension

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



9C0028



CC0034



9C2400



4F4749



8F0025



0F0004



# Inverse Universe

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



9C0028



CC0034



00789C



4F4749



8F0025



0F0004



# Previews

## White Background



This preview shows how the Hex color 9C0028 looks on a white background.

## Color Contrast Check

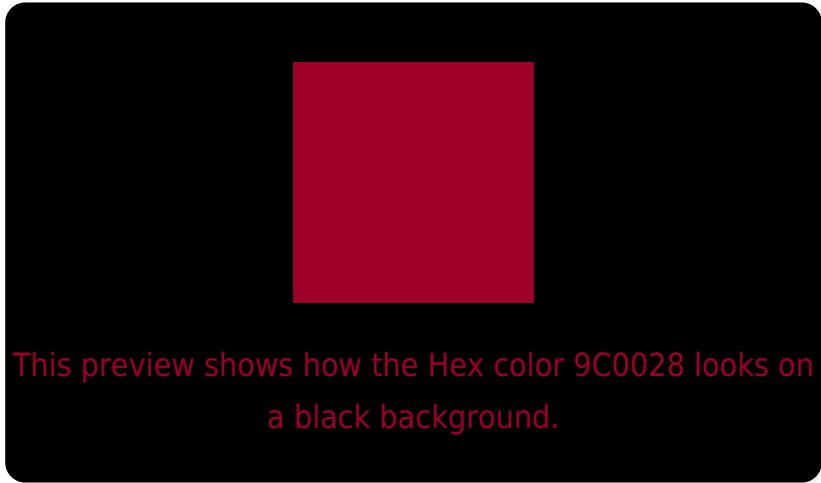
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0028 Background



This preview shows how black text looks on a background with the Hex color 9C0028.



This preview shows how white text looks on a background with the Hex color 9C0028.

# 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**  
9B110B

# Trichromacy



**Original Color**  
9C0028

**Protanomaly**  
6F3235

**Deuteranomaly**  
783022

**Tritanomaly**  
9B0B16

# Monochromacy



**Original Color**  
9C0028

**Achromatopsia**  
333333

**Achromatomaly**  
59202F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0028 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 #9C0028 looks like.

```
.text, #text, p{  
    color:#9C0028  
}
```

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 #9C0028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0028
}
```

## Border

The CSS property to change the border of an element to Hex 9C0028 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
#9C0028 }
```

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

```
.border{ border-color:#9C0028 }
```

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

Here you see how a box with a 4 pixel #9C0028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0028; -webkit-box-shadow:4px 4px  
4px 4px #9C0028; box-shadow:4px 4px 4px  
4px #9C0028 }
```

# Background

The CSS property to change the background color of an element to Hex 9C0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0028 }
```

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

```
.background{ background-color:#9C0028 }
```

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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