

# Converting Colors

Hex(9C0329)

Have a look what the booklet for  
Hex(9C0329) contains.

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**Color**

**Hex(9C0329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C0329
RGB	156, 3, 41
RGB Percent	61%, 1%, 16%
CMY	0.3882, 0.9882, 0.8392
CMYK	0.00, 0.98, 0.74, 0.39
HSL	345°, 96%, 31%
HSV	345°, 98%, 61%
XYZ	14.1431, 7.2931, 2.7601
YIQ	53.0790, 78.9900, 44.2540

# Conversions

## Conversions Part 2

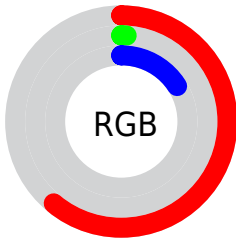
<b>Format</b>	<b>Color</b>
<b>RYB</b>	156, 3, 41
Decimal	10224425
CIELab	32.47, 56.05, 24.81
CIElCh	32, 61.298, 23.874
Yxy	7.2931, 0.5845, 0.3014
Android (android.graphics.Color)	4288414505 (0xFF9C0329)
YUV	53.0790, -5.9549, 90.2617
Hunter-Lab	27.0058, 46.2213, 12.8444

# Details

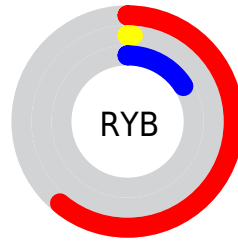
The Hex color **9C0329** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **039C76**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D94B56**, and **600000** is the 20% darker color. If you saturate the color by 10%, you get **9C0027**, and if you desaturate by 10%, it is **9C1335**.

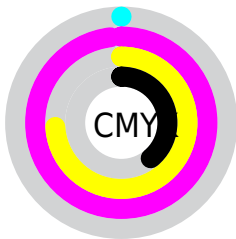
# Distribution



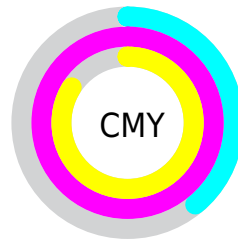
- Red (61%)
- Green (1%)
- Blue (16%)



- Red (61%)
- Yellow (1%)
- Blue (16%)



- Cyan (0%)
- Magenta (98%)
- Yellow (74%)
- Black (39%)



- Cyan (39%)
- Magenta (99%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C0329 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 9C0329 by changing the saturation by 10% instead.





9C0329



9C0329

FFFFFF



7E0015



D94B56



600000



F8676E



440002



FF8388



250001



FF9FA2



000000



FFBCBD



FFD8D9



FFF6F5



9C0329



9C0329

■ 9C0027

■ 9C1335

■ 9C2240

■ 9C324C

■ 9C4158

■ 9C5164

■ 9C616F

■ 9C707B

■ 9C8087

■ 9C8F93

# Harmonies

## Analogous

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



9A0058



9C0329



892F00

# Triad

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



9C0329



005C07



0056AE

# Complementary

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



9C0329



039C76

# 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



9C0329



005F41

# Square

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



9C0329



3A5500



006072



2444A6

# Rectangle

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



9C0329



734000



006072



005AAA



# Sweetspot

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



9C0329



CC91A0



76039C



66424B



E6E6E6



666666



# Same Dimension

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



9C0329



CC0033



9C2903



4F4749



8F0023



0F0004



# Inverse Universe

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



9C0329



CC0033



03769C



4F4749



8F0023

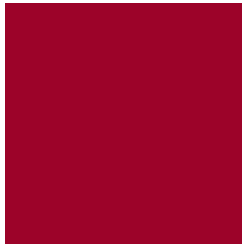


0F0004



# Previews

## White Background



This preview shows how the Hex color 9C0329 looks on a white background.

## Color Contrast Check

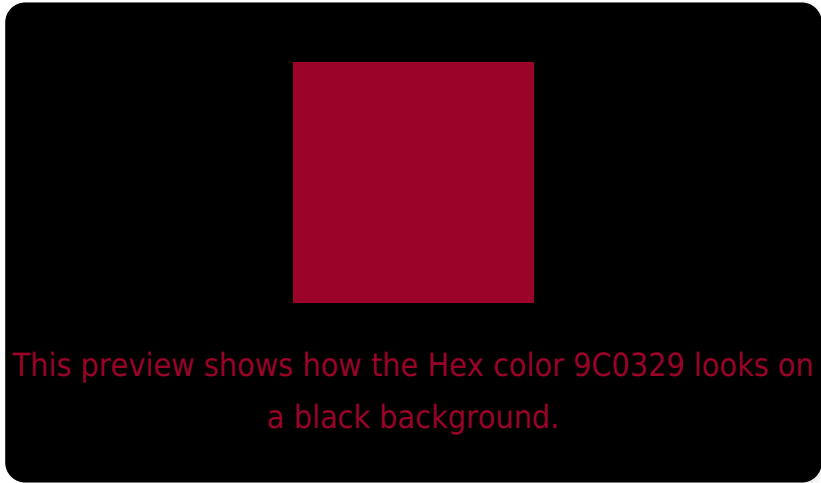
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C0329 Background



This preview shows how black text looks on a background with the Hex color 9C0329.

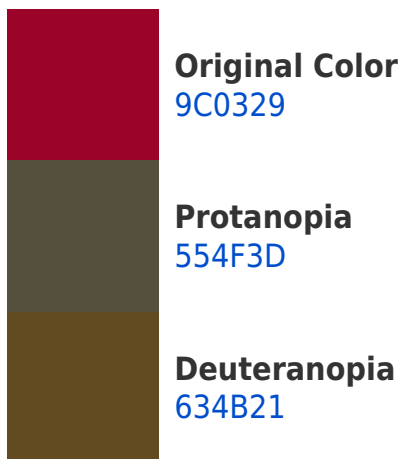


This preview shows how white text looks on a background with the Hex color 9C0329.

# 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](#).

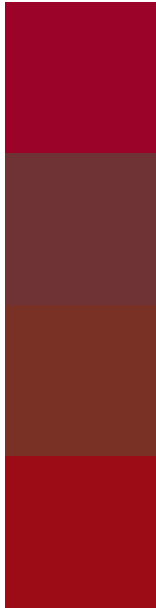
## Dichromacy





**Tritanopia**  
9B110C

# Trichromacy



**Original Color**  
9C0329

**Protanomaly**  
6F3336

**Deuteranomaly**  
783124

**Tritanomaly**  
9B0C17

# Monochromacy



**Original Color**  
9C0329

**Achromatopsia**  
353535

**Achromatomaly**  
5A2331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C0329 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 #9C0329 looks like.

```
.text, #text, p{  
    color:#9C0329  
}
```

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 #9C0329 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0329
}
```

## Border

The CSS property to change the border of an element to Hex 9C0329 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
#9C0329 }
```

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

```
.border{ border-color:#9C0329 }
```

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

Here you see how a box with a 4 pixel #9C0329 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0329; -webkit-box-shadow:4px 4px  
4px 4px #9C0329; box-shadow:4px 4px 4px  
4px #9C0329 }
```

# Background

The CSS property to change the background color of an element to Hex 9C0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0329 }
```

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

```
.background{ background-color:#9C0329 }
```

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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