

# Converting Colors

Hex(9C1369)

Have a look what the booklet for  
Hex(9C1369) contains.

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**Color**

**Hex(9C1369)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C1369
RGB	156, 19, 105
RGB Percent	61%, 7%, 41%
CMY	0.3882, 0.9255, 0.5882
CMYK	0.00, 0.88, 0.33, 0.39
HSL	322°, 78%, 34%
HSV	322°, 88%, 61%
XYZ	16.4930, 8.5536, 14.1463
YIQ	69.7670, 54.0460, 55.7900

# Conversions

## Conversions Part 2

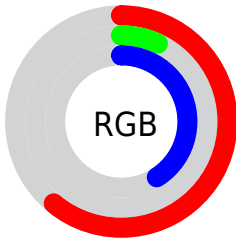
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 19, 105
Decimal	10228585
CIE <sub>Lab</sub>	35.11, 58.58, -13.17
CIE <sub>LCh</sub>	35, 60.045, 347.325
Yxy	8.5536, 0.4208, 0.2182
Android (android.graphics.Color)	4288418665 (0xFF9C1369)
YUV	69.7670, 17.3699, 75.6263
Hunter-Lab	29.2465, 49.4800, -8.2056

# Details

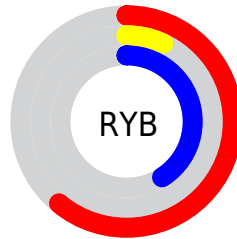
The Hex color **9C1369** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **139C46**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **D6549C**, and **64003A** is the 20% darker color. If you saturate the color by 10%, you get **9C0363**, and if you desaturate by 10%, it is **9C236F**.

# Distribution



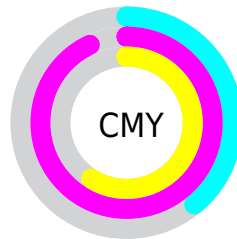
- Red (61%)
- Green (7%)
- Blue (41%)



- Red (61%)
- Yellow (7%)
- Blue (41%)



- Cyan (0%)
- Magenta (88%)
- Yellow (33%)
- Black (39%)



- Cyan (39%)
- Magenta (93%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C1369 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 9C1369 by changing the saturation by 10% instead.



 9C1369

 9C1369

FFFFFF

 800051

 D6549C

 64003A

 F46FB7

 480024

 FF8BD3

 2F000D

 FFA8EF

 000000

 FFC4FF

 FFE1FF

 9C1369

 9C1369

 9C0363

 9C236F

■ 9C0062

■ 9C3275

■ 9C427A

■ 9C5180

■ 9C6186

■ 9C718C

■ 9C8092

■ 9C9097

■ 9C9F9D

# Harmonies

## Analogous

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



753694



9C1369



A40F39

# Triad

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



9C1369



4C5900



006599

# Complementary

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



9C1369



139C46

# 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.



00676E



9C1369



006101

# Square

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



9C1369



764900



00663C



005EB1

# Rectangle

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



9C1369



9C261A



00663C



00668C



# Sweetspot

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



9C1369



CC97B8



45139C



66465A



E6E6E6



666666



# Same Dimension

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



9C1369



CC0080



9C1325



4F474C



8F005A



0F000A



# Inverse Universe

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



9C1369



CC0080



139C8A



4F474C



8F005A



0F000A



# Previews

## White Background



This preview shows how the Hex color 9C1369 looks on a white background.

## Color Contrast Check

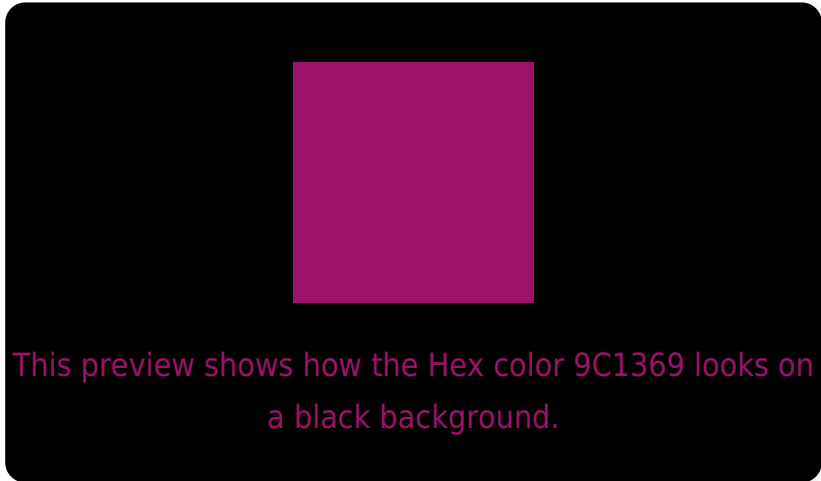
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C1369 Background



This preview shows how black text looks on a background with the Hex color 9C1369.



This preview shows how white text looks on a background with the Hex color 9C1369.

# 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**  
9C1369

**Protanopia**  
375293

**Deuteranopia**  
565262



# Trichromacy



**Original Color**  
9C1369

**Protanomaly**  
5C3B84

**Deuteranomaly**  
6F3B65

**Tritanomaly**  
992343

# Monochromacy



**Original Color**  
9C1369

**Achromatopsia**  
464646

**Achromatomaly**  
653353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C1369 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 #9C1369 looks like.

```
.text, #text, p{  
    color:#9C1369  
}
```

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 #9C1369 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C1369
}
```

## Border

The CSS property to change the border of an element to Hex 9C1369 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
#9C1369 }
```

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

```
.border{ border-color:#9C1369 }
```

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

Here you see how a box with a 4 pixel #9C1369 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C1369; -webkit-box-shadow:4px 4px  
4px 4px #9C1369; box-shadow:4px 4px 4px  
4px #9C1369 }
```

# Background

The CSS property to change the background color of an element to Hex 9C1369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C1369 }
```

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

```
.background{ background-color:#9C1369 }
```

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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