

# Converting Colors

Hex(9C005A)

Have a look what the booklet for  
Hex(9C005A) contains.

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# Color

**Hex(9C005A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9C005A
RGB	156, 0, 90
RGB Percent	61%, 0%, 35%
CMY	0.3882, 1.0000, 0.6471
CMYK	0.00, 1.00, 0.42, 0.39
HSL	325°, 100%, 31%
HSV	325°, 100%, 61%
XYZ	15.5558, 7.8061, 10.3597
YIQ	56.9040, 64.0860, 61.0620

# Conversions

## Conversions Part 2

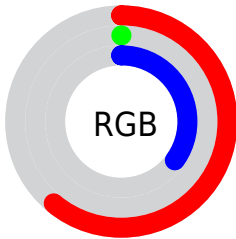
Format	Color
R <sub>Y</sub> B	156, 0, 90
Decimal	10223706
CIE Lab	33.58, 59.81, -5.83
CIE LCh	34, 60.093, 354.433
Yxy	7.8061, 0.4613, 0.2315
Android (android.graphics.Color)	4288413786 (0xFF9C005A)
YUV	56.9040, 16.3163, 86.9072
Hunter-Lab	27.9394, 50.4891, -2.4267

# Details

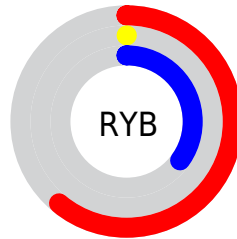
The Hex color **9C005A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009C42**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D74C8C**, and **63002D** is the 20% darker color. If you saturate the color by 10%, you get **9C005A**, and if you desaturate by 10%, it is **9C1061**.

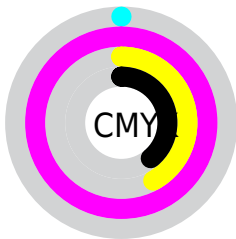
# Distribution



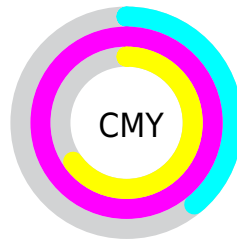
- Red (61%)
- Green (0%)
- Blue (35%)



- Red (61%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9C005A 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 9C005A by changing the saturation by 10% instead.



 9C005A

 9C005A

FFFFFF

 7F0043

 D74C8C

 63002D

 F569A6

 470018

 FF85C1

 2C0001

 FFA1DD

 000000

 FFBEFA

 FFDBFF

 FFF8FF

 9C005A

 9C1061

 9C1F67

 9C2F6E

 9C3E74

 9C4E7B

 9C5E82

 9C6D88

 9C7D8F

 9C8C95

# Harmonies

## Analogous

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



7E2A87



9C005A



9E102B

# Triad

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



9C005A



3C5800



00609D

# Complementary

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



9C005A



009C42

# 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.



006375



9C005A



005F0E

# Square

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



9C005A



694A00



006244



0058AF

# Rectangle

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



9C005A



93290A



006244



006291



# Sweetspot

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



9C005A



CC8FB2



41009C



664156



E6E6E6



666666



# Same Dimension

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



9C005A



CC0076



9C000D



4F474C



8F0052



0F0009



# Inverse Universe

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



9C005A



CC0076



009C8F



4F474C



8F0052



0F0009



# Previews

## White Background



This preview shows how the Hex color 9C005A looks on a white background.

## Color Contrast Check

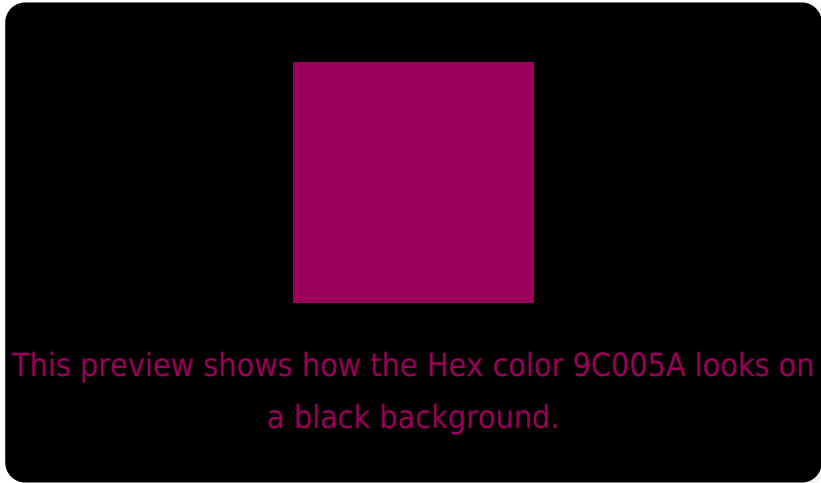
Large Text (above 18pt) WCAG AA ✓ Pass

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 9C005A Background



This preview shows how black text looks on a background with the Hex color 9C005A.



This preview shows how white text looks on a background with the Hex color 9C005A.

# 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





# Trichromacy



**Original Color**  
9C005A



**Protanomaly**  
613473



**Deuteranomaly**  
713256

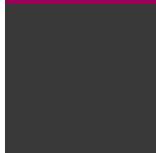


**Tritanomaly**  
9A1738

# Monochromacy



**Original Color**  
9C005A



**Achromatopsia**  
393939



**Achromatomaly**  
5D2445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9C005A 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 #9C005A looks like.

```
.text, #text, p{  
    color:#9C005A  
}
```

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 #9C005A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C005A
}
```

## Border

The CSS property to change the border of an element to Hex 9C005A 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
#9C005A }
```

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

```
.border{ border-color:#9C005A }
```

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

Here you see how a box with a 4 pixel #9C005A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C005A; -webkit-box-shadow:4px 4px  
4px 4px #9C005A; box-shadow:4px 4px 4px  
4px #9C005A }
```

# Background

The CSS property to change the background color of an element to Hex 9C005A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C005A }
```

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

```
.background{ background-color:#9C005A }
```

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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