

Converting Colors

Hex(9C0075)

Have a look what the booklet for
Hex(9C0075) contains.

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Color

Hex(9C0075)

Conversions

Conversions Part 1

Format	Color
Hex	9C0075
RGB	156, 0, 117
RGB Percent	61%, 0%, 46%
CMY	0.3882, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.25, 0.39
HSL	315°, 100%, 31%
HSV	315°, 100%, 61%
XYZ	16.9212, 8.3523, 17.5499
YIQ	59.9820, 55.4190, 69.4590

Conversions

Conversions Part 2

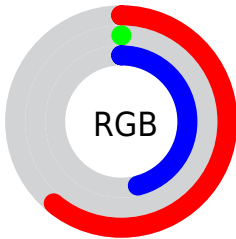
Format	Color
R_{YB}	156, 0, 117
Decimal	10223733
CIE _{Lab}	34.71, 62.72, -21.42
CIE _{LCh}	35, 66.273, 341.144
Yxy	8.3523, 0.3951, 0.1950
Android (android.graphics.Color)	4288413813 (0xFF9C0075)
YUV	59.9820, 28.1099, 84.2078
Hunter-Lab	28.9003, 53.9366, -15.7741

Details

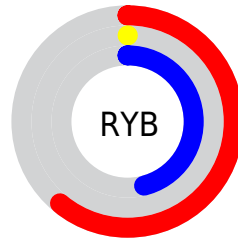
The Hex color **9C0075** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009C27**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D64EA9**, and **640044** is the 20% darker color. If you saturate the color by 10%, you get **9C0075**, and if you desaturate by 10%, it is **9C1079**.

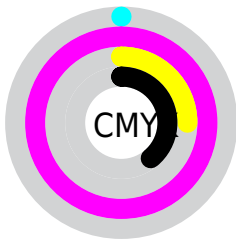
Distribution



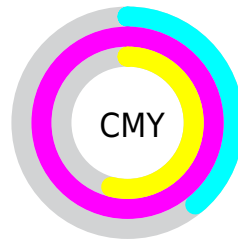
- Red (61%)
- Green (0%)
- Blue (46%)



- Red (61%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (39%)



- Cyan (39%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C0075 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 9C0075 by changing the saturation by 10% instead.

 9C0075

 9C0075

FFFFFF

 80005C

 D64EA9

 640044

 F46AC5

 49002E

 FF87E1

 2E0019

 FFA3FD

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 9C0075

 9C1079

 9C1F7D

 9C2F81

 9C3E85

 9C4E89

 9C5E8C

 9C6D90

 9C7D94

 9C8C98

Harmonies

Analogous

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



6837A2



9C0075



AB0041

Triad

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



9C0075



535600



006697

Complementary

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



9C0075



009C27

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.



006765



9C0075



006000

Square

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



9C0075



7F4200



00652D



0061B7

Rectangle

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



9C0075



A50C1F



00652D



006787

Sweetspot

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



9C0075



CC8FBD



27009C



66415D



E6E6E6



666666

Same Dimension

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



9C0075



CC0099



9C0027



4F474D



8F006B



0F000B

Inverse Universe

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



9C0075



CC0099



009C75



4F474D



8F006B



0F000B

Previews

White Background



This preview shows how the Hex color 9C0075 looks on a white background.

Color Contrast Check

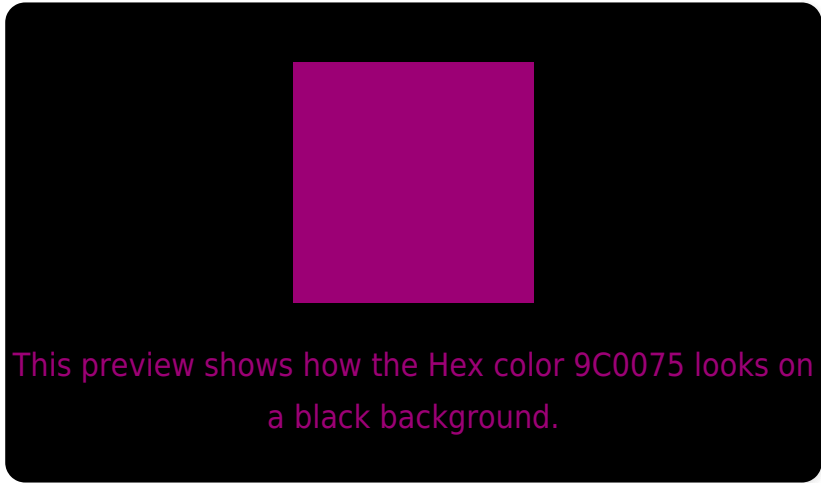
Large Text (above 18pt) WCAG AA ✓ Pass

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

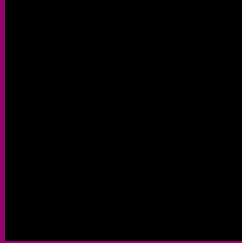
Any Text WCAG AA × Fail

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 9C0075 Background



This preview shows how black text looks on a background with the Hex color 9C0075.

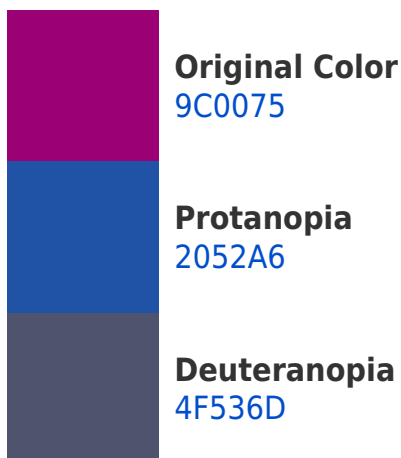


This preview shows how white text looks on a background with the Hex color 9C0075.

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
972E30

Trichromacy



Original Color
9C0075



Protanomaly
4D3494



Deuteranomaly
6B3570

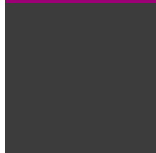


Tritanomaly
991D49

Monochromacy



Original Color
9C0075



Achromatopsia
3C3C3C



Achromatomaly
5F2651

CSS Examples

Text

The CSS property to change the color of the text to Hex 9C0075 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 #9C0075 looks like.

```
.text, #text, p{  
    color:#9C0075  
}
```

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 #9C0075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C0075
}
```

Border

The CSS property to change the border of an element to Hex 9C0075 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".

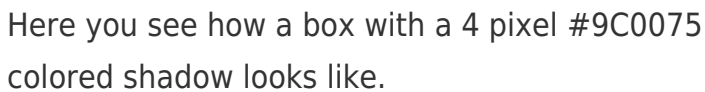
```
.border, #border, table{ border:4px solid
#9C0075 }
```

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

```
.border{ border-color:#9C0075 }
```

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

Here you see how a box with a 4 pixel #9C0075 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C0075; -webkit-box-shadow:4px 4px  
4px 4px #9C0075; box-shadow:4px 4px 4px  
4px #9C0075 }
```

Background

The CSS property to change the background color of an element to Hex 9C0075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C0075 }
```

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

```
.background{ background-color:#9C0075 }
```

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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