

Converting Colors

Hex(9D0070)

Have a look what the booklet for
Hex(9D0070) contains.

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Color

Hex(9D0070)

Conversions

Conversions Part 1

Format	Color
Hex	9D0070
RGB	157, 0, 112
RGB Percent	62%, 0%, 44%
CMY	0.3843, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.29, 0.38
HSL	317°, 100%, 31%
HSV	317°, 100%, 62%
XYZ	16.8293, 8.3380, 16.0516
YIQ	59.7110, 57.6200, 68.1160

Conversions

Conversions Part 2

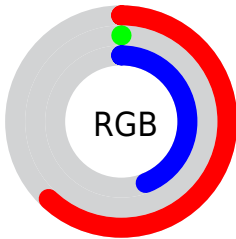
Format	Color
R_{YB}	157, 0, 112
Decimal	10289264
CIE _{Lab}	34.68, 62.33, -18.28
CIE _{LCh}	35, 64.956, 343.656
Yxy	8.3380, 0.4083, 0.2023
Android (android.graphics.Color)	4288479344 (0xFF9D0070)
YUV	59.7110, 25.7785, 85.3225
Hunter-Lab	28.8755, 53.5014, -12.7459

Details

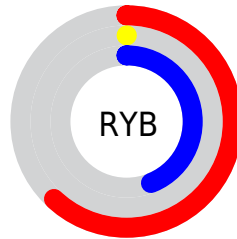
The Hex color **9D0070** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **009D2D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **D84EA4**, and **640040** is the 20% darker color. If you saturate the color by 10%, you get **9D0070**, and if you desaturate by 10%, it is **9D1074**.

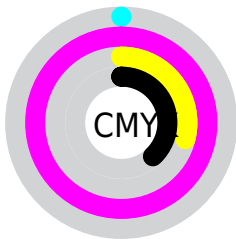
Distribution



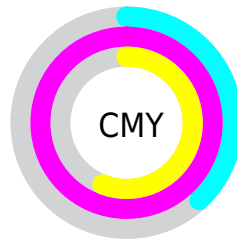
- Red (62%)
- Green (0%)
- Blue (44%)



- Red (62%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (38%)



- Cyan (38%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D0070 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 9D0070 by changing the saturation by 10% instead.

 9D0070

 9D0070

FFFFFF

 800057

 D84EA4

 640040

 F66ABF

 49002A

 FF87DB

 2F0015

 FFA3F8

 000000

 FFC0FF

 FFD0FF

 FFFAFF

 9D0070

 9D1074

 9D1F79

 9D2F7E

 9D3F82

 9D4F87

 9D5E8B

 9D6E90

 9D7E94

 9D8D99

Harmonies

Analogous

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



6E359E



9D0070



A9003D

Triad

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



9D0070



4F5700



006699

Complementary

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



9D0070



009D2D

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.



006769



9D0070



006000

Square

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



9D0070



7B4500



006532



0060B6

Rectangle

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



9D0070



A2161B



006532



00678A

Sweetspot

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



9D0070



CC8FBA



2C009D



66415B



E6E6E6



666666

Same Dimension

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



9D0070



CC0092



9D0022



4F474D



8F0066



0F000B

Inverse Universe

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



9D0070



CC0092



009D7B



4F474D



8F0066



0F000B

Previews

White Background



This preview shows how the Hex color 9D0070 looks on a white background.

Color Contrast Check

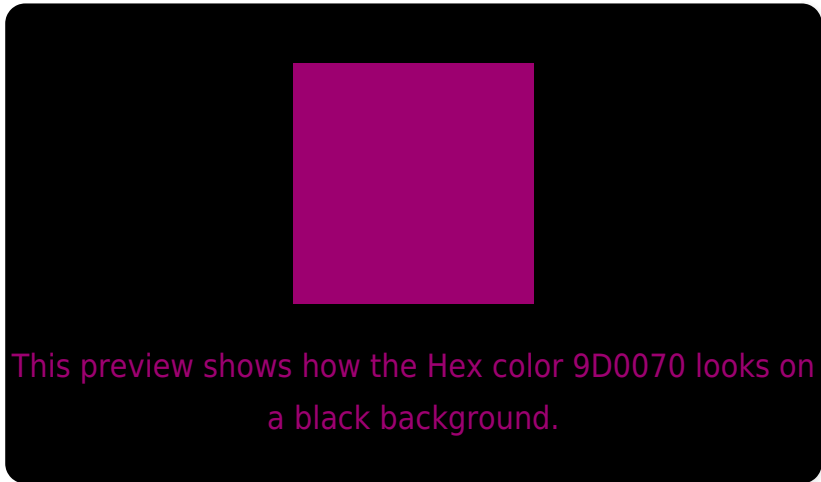
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D0070 Background



This preview shows how black text looks on a background with the Hex color 9D0070.

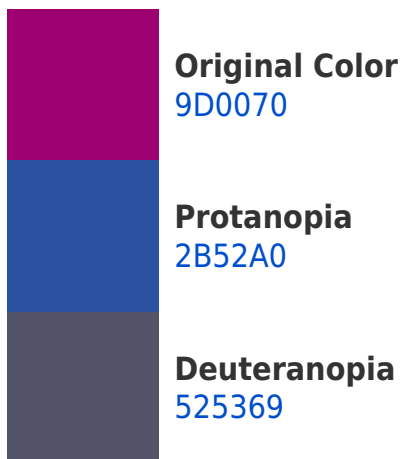


This preview shows how white text looks on a background with the Hex color 9D0070.

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
982C2E

Trichromacy



Original Color
9D0070



Protanomaly
54348F



Deuteranomaly
6D356C



Tritanomaly
9A1C46

Monochromacy



Original Color
9D0070



Achromatopsia
3C3C3C



Achromatomaly
5F264F

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D0070 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 #9D0070 looks like.

```
.text, #text, p{  
    color:#9D0070  
}
```

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 #9D0070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D0070
}
```

Border

The CSS property to change the border of an element to Hex 9D0070 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
#9D0070 }
```

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

```
.border{ border-color:#9D0070 }
```

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

Here you see how a box with a 4 pixel #9D0070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D0070; -webkit-box-shadow:4px 4px  
4px 4px #9D0070; box-shadow:4px 4px 4px  
4px #9D0070 }
```

Background

The CSS property to change the background color of an element to Hex 9D0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D0070 }
```

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

```
.background{ background-color:#9D0070 }
```

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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