

Converting Colors

Hex(900878)

Have a look what the booklet for
Hex(900878) contains.

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Color

Hex(900878)

Conversions

Conversions Part 1

Format	Color
Hex	900878
RGB	144, 8, 120
RGB Percent	56%, 3%, 47%
CMY	0.4353, 0.9686, 0.5294
CMYK	0.00, 0.94, 0.17, 0.44
HSL	311°, 89%, 30%
HSV	311°, 94%, 56%
XYZ	14.9786, 7.4590, 18.4196
YIQ	61.4320, 45.1040, 63.6640

Conversions

Conversions Part 2

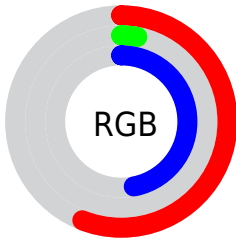
Format	Color
RYB	144, 8, 120
Decimal	9439352
CIELab	32.83, 59.60, -26.42
CIElCh	33, 65.194, 336.090
Yxy	7.4590, 0.3666, 0.1826
Android (android.graphics.Color)	4287629432 (0xFF900878)
YUV	61.4320, 28.8740, 72.4121
Hunter-Lab	27.3112, 50.1021, -20.8693

Details

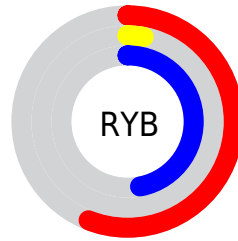
The Hex color **900878** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **089020**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **C94EAD**, and **590047** is the 20% darker color. If you saturate the color by 10%, you get **900077**, and if you desaturate by 10%, it is **90167B**.

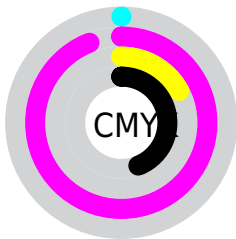
Distribution



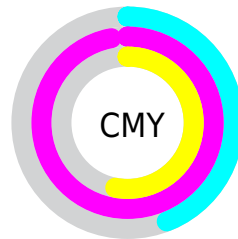
- Red (56%)
- Green (3%)
- Blue (47%)



- Red (56%)
- Yellow (3%)
- Blue (47%)



- Cyan (0%)
- Magenta (94%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (97%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 900878 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 900878 by changing the saturation by 10% instead.

 900878

 900878

FFFFFF

 74005F

 C94EAD

 590047

 E76AC8

 3F0030

 FF86E4

 24001B

 FFA2FF

 000000

 FFBEFF

 FFDBFF

 FFF9FF

 900878

 900878

■ 900077

■ 90167B

■ 90257D

■ 903380

■ 904282

■ 905085

■ 905E87

■ 906D8A

■ 907B8C

■ 908A8F

Harmonies

Analogous

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



5539A2



900878



A30045

Triad

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



900878



564F00



006289

Complementary

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



900878



089020

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.



006257



900878



195A00

Square

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



900878



7F3A00



00601F



005EAC

Rectangle

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



900878



A00024



00601F



00627A

Sweetspot

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



900878



BA86B1



1F0890



5E3E59



DEDEDE



5E5E5E

Same Dimension

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



900878



BA0099



900835



474046



87006F



080006

Inverse Universe

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



900878



BA0099



089063



474046



87006F



080006

Previews

White Background



This preview shows how the Hex color 900878 looks on a white background.

Color Contrast Check

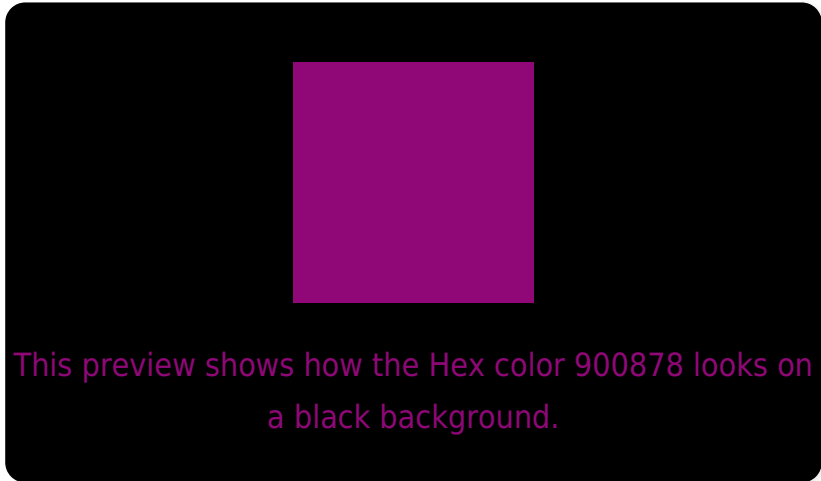
Large Text (above 18pt) WCAG AA ✓ Pass

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

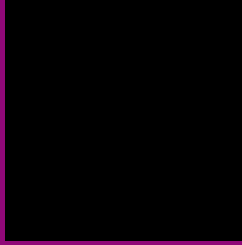
Any Text WCAG AA × Fail

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 900878 Background



This preview shows how black text looks on a background with the Hex color 900878.

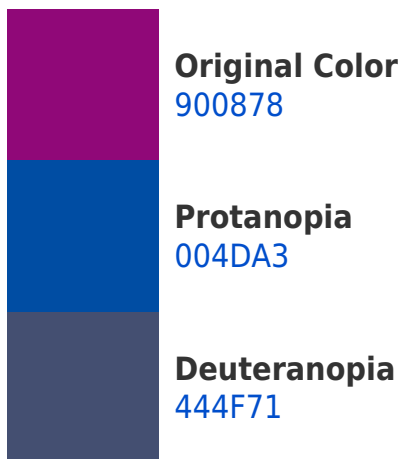



This preview shows how white text looks on a background with the Hex color 900878.

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
8A3032

Trichromacy



Original Color
900878



Protanomaly
343493



Deuteranomaly
603574



Tritanomaly
8C214B

Monochromacy



Original Color
900878



Achromatopsia
3D3D3D



Achromatomaly
5B2A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 900878 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 #900878 looks like.

```
.text, #text, p{  
    color:#900878  
}
```

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 #900878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #900878  
}
```

Border

The CSS property to change the border of an element to Hex 900878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

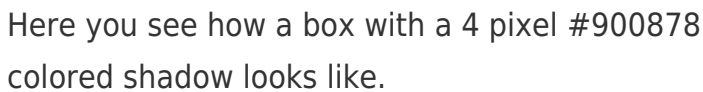
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#900878 }
```

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

```
.border{ border-color:#900878 }
```

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



Here you see how a box with a 4 pixel #900878 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #900878; -webkit-box-shadow:4px 4px  
4px 4px #900878; box-shadow:4px 4px 4px  
4px #900878 }
```

Background

The CSS property to change the background color of an element to Hex 900878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#900878 }
```

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

```
.background{ background-color:#900878 }
```

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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