

# Converting Colors

Hex(960078)

Have a look what the booklet for  
Hex(960078) contains.

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**Color**

**Hex(960078)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	960078
RGB	150, 0, 120
RGB Percent	59%, 0%, 47%
CMY	0.4118, 1.0000, 0.5294
CMYK	0.00, 1.00, 0.20, 0.41
HSL	312°, 100%, 29%
HSV	312°, 100%, 59%
XYZ	15.9678, 7.8401, 18.4410
YIQ	58.5300, 50.8800, 69.1200

# Conversions

## Conversions Part 2

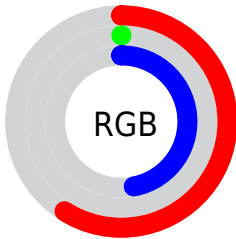
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 0, 120
Decimal	9830520
CIELab	33.65, 61.89, -25.06
CIElCh	34, 66.773, 337.961
Yxy	7.8401, 0.3779, 0.1856
Android (android.graphics.Color)	4288020600 (0xFF960078)
YUV	58.5300, 30.3047, 80.2192
Hunter-Lab	28.0002, 52.7941, -19.4484

# Details

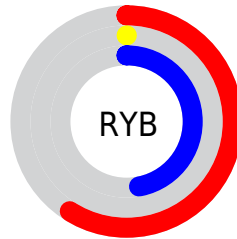
The Hex color **960078** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00961E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D04DAD**, and **5E0047** is the 20% darker color. If you saturate the color by 10%, you get **960078**, and if you desaturate by 10%, it is **960F7B**.

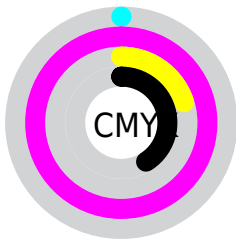
# Distribution



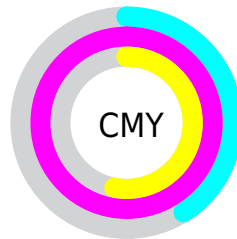
- Red (59%)
- Green (0%)
- Blue (47%)



- Red (59%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (100%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 960078 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 960078 by changing the saturation by 10% instead.



 960078

 960078

FFFFFF

 7A005F

 D04DAD

 5E0047

 EE69C8

 440030

 FF85E4

 29001B

 FFA1FF

 000000

 FFBEFF

 FFDBFF

 FFF9FF

 960078

 960F7B

 961E7E

 962D81

 963C84

 964B87

 965A8A

 96698D

 967890

 968793

# Harmonies

## Analogous

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



5D38A4



960078



A80044

# Triad

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



960078



555200



006490

# Complementary

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



960078



00961E

# 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.



00645C



960078



105D00

# Square

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



960078



803D00



006224



005FB3

# Rectangle

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



960078



A40022



006224



006480



# Sweetspot

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



960078



C288B6



1E0096



613E5A



E0E0E0



616161



# Same Dimension

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



960078



C2009B



96002D



4A4348



8A006E



0A0008



# Inverse Universe

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



960078



C2009B



009669



4A4348



8A006E



0A0008



# Previews

## White Background



This preview shows how the Hex color 960078 looks on a white background.

## Color Contrast Check

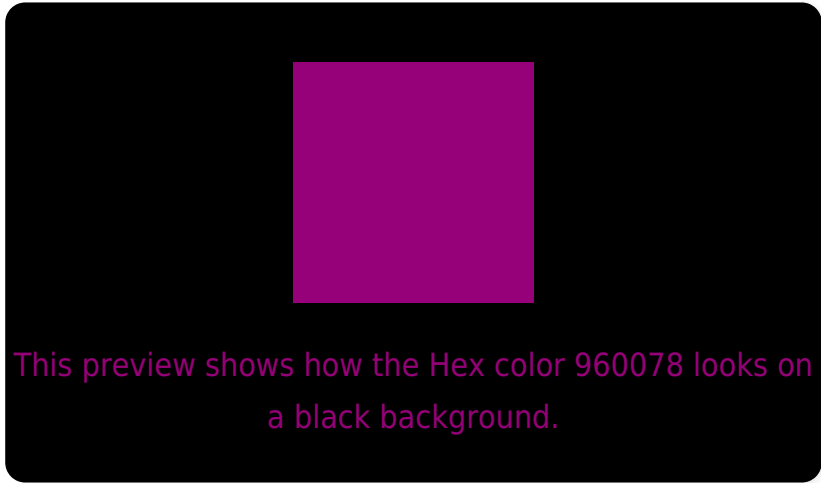
Large Text (above 18pt) WCAG AA ✓ Pass

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

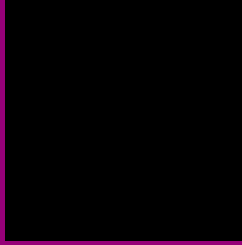
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 960078 Background



This preview shows how black text looks on a background with the Hex color 960078.



This preview shows how white text looks on a background with the Hex color 960078.

# 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**  
902F32

# Trichromacy



**Original Color**  
960078



**Protanomaly**  
373297



**Deuteranomaly**  
653473



**Tritanomaly**  
921E4B

# Monochromacy



**Original Color**  
960078



**Achromatopsia**  
3B3B3B



**Achromatomaly**  
5C2651

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 960078 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 #960078 looks like.

```
.text, #text, p{  
    color:#960078  
}
```

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 #960078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960078  
}
```

## Border

The CSS property to change the border of an element to Hex 960078 is called "border". The border property can be set on classes, ids or directly on the HTML element.

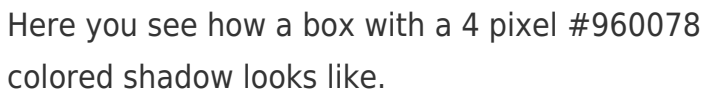
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#960078 }
```

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

```
.border{ border-color:#960078 }
```

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



Here you see how a box with a 4 pixel #960078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960078; -webkit-box-shadow:4px 4px  
4px 4px #960078; box-shadow:4px 4px 4px  
4px #960078 }
```

# Background

The CSS property to change the background color of an element to Hex 960078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960078 }
```

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

```
.background{ background-color:#960078 }
```

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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