

# Converting Colors

Hex(960A78)

Have a look what the booklet for  
Hex(960A78) contains.

<b>Hex(960A78)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(960A78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	960A78
RGB	150, 10, 120
RGB Percent	59%, 4%, 47%
CMY	0.4118, 0.9608, 0.5294
CMYK	0.00, 0.93, 0.20, 0.41
HSL	313°, 88%, 31%
HSV	313°, 93%, 59%
XYZ	16.0764, 8.0572, 18.4772
YIQ	64.4000, 48.1300, 63.8900

# Conversions

## Conversions Part 2

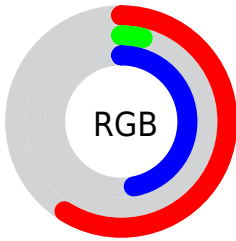
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 10, 120
Decimal	9833080
CIE <sub>Lab</sub>	34.10, 60.56, -24.35
CIE <sub>LCh</sub>	34, 65.270, 338.100
Yxy	8.0572, 0.3773, 0.1891
Android (android.graphics.Color)	4288023160 (0xFF960A78)
YUV	64.4000, 27.4108, 75.0712
Hunter-Lab	28.3852, 51.4222, -18.7249

# Details

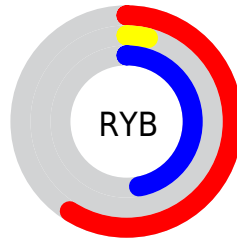
The Hex color **960A78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **0A9628**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D050AD**, and **5E0047** is the 20% darker color. If you saturate the color by 10%, you get **960076**, and if you desaturate by 10%, it is **96197B**.

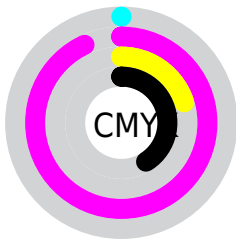
# Distribution



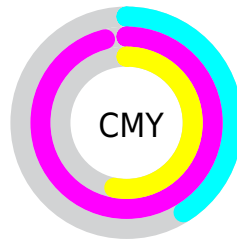
- Red (59%)
- Green (4%)
- Blue (47%)



- Red (59%)
- Yellow (4%)
- Blue (47%)



- Cyan (0%)
- Magenta (93%)
- Yellow (20%)
- Black (41%)



- Cyan (41%)
- Magenta (96%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 960A78 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 960A78 by changing the saturation by 10% instead.



 960A78

 960A78

FFFFFF

 7A005F

 D050AD

 5E0047

 ED6CC8

 440030

 FF88E4

 2A001B

 FFA4FF

 000000

 FFC1FF

 FFDEFF

 FFFBFF

 960A78

 960A78

■ 960076

■ 96197B

■ 96287E

■ 963782

■ 964685

■ 965588

■ 96648B

■ 96738E

■ 968292

■ 969195

# Harmonies

## Analogous

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



5F3AA3



960A78



A80045

# Triad

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



960A78



565300



006590

# Complementary

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



960A78



0A9628

# 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.



00655D



960A78



145E00

# Square

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



960A78



813E00



006326



0060B2

# Rectangle

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



960A78



A40423



006326



006580



# Sweetspot

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



960A78



C28CB6



260A96



61405A



E0E0E0



616161



# Same Dimension

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



960A78



C20098



960A34



4A4348



8A006C



0A0008



# Inverse Universe

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



960A78



C20098



0A966C



4A4348



8A006C



0A0008



# Previews

## White Background



This preview shows how the Hex color 960A78 looks on a white background.

## Color Contrast Check

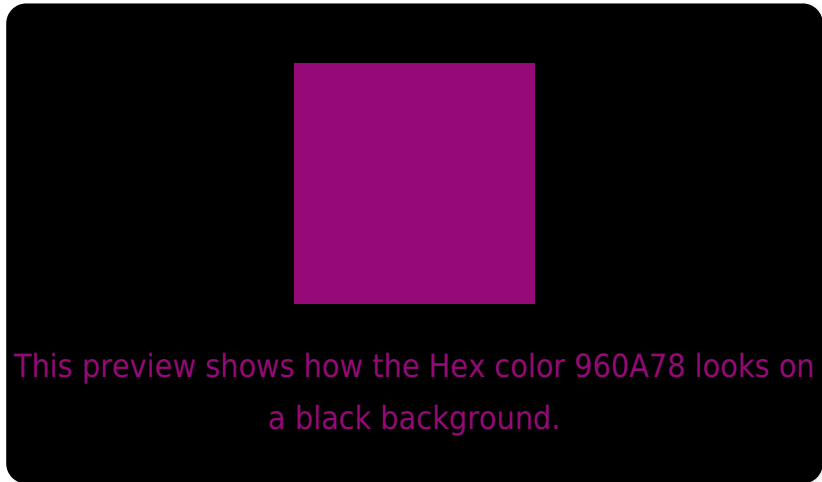
Large Text (above 18pt) WCAG AA ✓ Pass

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

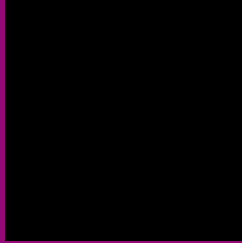
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 960A78 Background



This preview shows how black text looks on a background with the Hex color 960A78.



This preview shows how white text looks on a background with the Hex color 960A78.

# 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**  
960A78



**Protanomaly**  
373697



**Deuteranomaly**  
653774



**Tritanomaly**  
92224B

# Monochromacy



**Original Color**  
960A78



**Achromatopsia**  
404040



**Achromatomaly**  
5F2C54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 960A78 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 #960A78 looks like.

```
.text, #text, p{  
    color:#960A78  
}
```

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 #960A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #960A78
}
```

## Border

The CSS property to change the border of an element to Hex 960A78 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
#960A78 }
```

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

```
.border{ border-color:#960A78 }
```

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

Here you see how a box with a 4 pixel #960A78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #960A78; -webkit-box-shadow:4px 4px  
4px 4px #960A78; box-shadow:4px 4px 4px  
4px #960A78 }
```

# Background

The CSS property to change the background color of an element to Hex 960A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#960A78 }
```

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

```
.background{ background-color:#960A78 }
```

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](#).



Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor