

Converting Colors

Hex(971E78)

Have a look what the booklet for
Hex(971E78) contains.

Hex(971E78)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(971E78)

Conversions

Conversions Part 1

Format	Color
Hex	971E78
RGB	151, 30, 120
RGB Percent	59%, 12%, 47%
CMY	0.4078, 0.8824, 0.5294
CMYK	0.00, 0.80, 0.21, 0.41
HSL	315°, 67%, 35%
HSV	315°, 80%, 59%
XYZ	16.6169, 8.8639, 18.6044
YIQ	76.4390, 43.2260, 53.6420

Conversions

Conversions Part 2

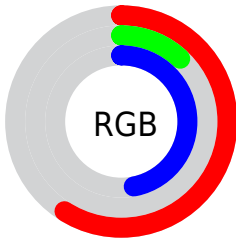
Format	Color
R_{YB}	151, 30, 120
Decimal	9903736
CIE _{Lab}	35.72, 56.65, -21.81
CIE _{LCh}	36, 60.698, 338.945
Yxy	8.8639, 0.3769, 0.2011
Android (android.graphics.Color)	4288093816 (0xFF971E78)
YUV	76.4390, 21.4756, 65.3900
Hunter-Lab	29.7723, 47.5252, -16.2090

Details

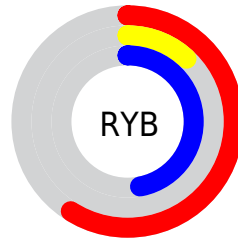
The Hex color **971E78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1E973D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **D059AD**, and **600047** is the 20% darker color. If you saturate the color by 10%, you get **970F74**, and if you desaturate by 10%, it is **972D7C**.

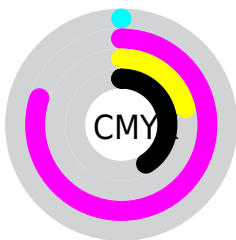
Distribution



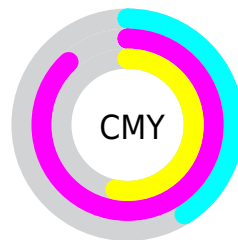
- Red (59%)
- Green (12%)
- Blue (47%)



- Red (59%)
- Yellow (12%)
- Blue (47%)



- Cyan (0%)
- Magenta (80%)
- Yellow (21%)
- Black (41%)



- Cyan (41%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 971E78 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 971E78 by changing the saturation by 10% instead.

971E78

971E78

FFFFFF

7B005F

D059AD

600047

EE75C8

450030

FF90E4

2C001B

FFACFF

000000

FFC9FF

FFE6FF

971E78

971E78

970F74

972D7C

■ 970070

■ 973C80

■ 974B84

■ 975A87

■ 976A8B

■ 97798F

■ 978893

■ 979797

■ 97A69B

Harmonies

Analogous

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



653FA1



971E78



A70848

Triad

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



971E78



5A5700



006891

Complementary

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



971E78



1E973D

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.



006862



971E78



206100

Square

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



971E78



824400



00662E



0063B0

Rectangle

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



971E78



A31D28



00662E



006882

Sweetspot

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



971E78



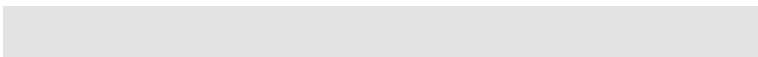
C495B8



3C1E97



63475C



E3E3E3



636363

Same Dimension

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



971E78



C40894



971E3C



4D454B



8C0068



0D0009

Inverse Universe

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



971E78



C40894



1E9779



4D454B



8C0068



0D0009

Previews

White Background



This preview shows how the Hex color 971E78 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

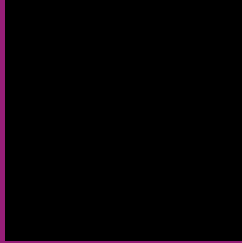
Any Text WCAG AA × Fail

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 971E78 Background



This preview shows how black text looks on a background with the Hex color 971E78.



This preview shows how white text looks on a background with the Hex color 971E78.

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



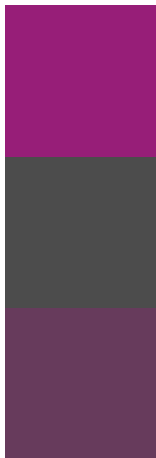
Original Color
971E78

Protanomaly
524093

Deuteranomaly
694074

Tritanomaly
942D50

Monochromacy



Original Color
971E78

Achromatopsia
4C4C4C

Achromatomaly
673B5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 971E78 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 #971E78 looks like.

```
.text, #text, p{  
    color:#971E78  
}
```

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 #971E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #971E78
}
```

Border

The CSS property to change the border of an element to Hex 971E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

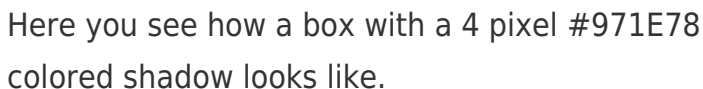
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#971E78 }
```

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

```
.border{ border-color:#971E78 }
```

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



Here you see how a box with a 4 pixel #971E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #971E78; -webkit-box-shadow:4px 4px  
4px 4px #971E78; box-shadow:4px 4px 4px  
4px #971E78 }
```

Background

The CSS property to change the background color of an element to Hex 971E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#971E78 }
```

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

```
.background{ background-color:#971E78 }
```

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