

# Converting Colors

Hex(981E78)

Have a look what the booklet for  
Hex(981E78) contains.

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# Color

**Hex(981E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	981E78
RGB	152, 30, 120
RGB Percent	60%, 12%, 47%
CMY	0.4039, 0.8824, 0.5294
CMYK	0.00, 0.80, 0.21, 0.40
HSL	316°, 67%, 36%
HSV	316°, 80%, 60%
XYZ	16.8033, 8.9600, 18.6131
YIQ	76.7380, 43.8220, 53.8540

# Conversions

## Conversions Part 2

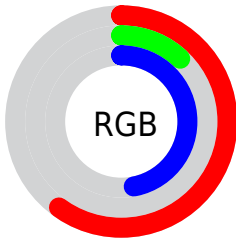
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 30, 120
Decimal	9969272
CIE <sub>Lab</sub>	35.91, 56.88, -21.50
CIE <sub>LCh</sub>	36, 60.813, 339.293
Yxy	8.9600, 0.3787, 0.2019
Android (android.graphics.Color)	4288159352 (0xFF981E78)
YUV	76.7380, 21.3282, 66.0048
Hunter-Lab	29.9333, 47.8194, -15.9144

# Details

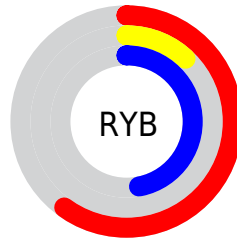
The Hex color **981E78** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **1E983E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **D259AD**, and **610047** is the 20% darker color. If you saturate the color by 10%, you get **980F74**, and if you desaturate by 10%, it is **982D7C**.

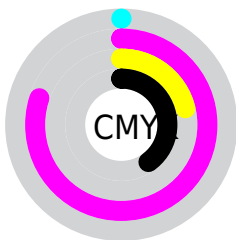
# Distribution



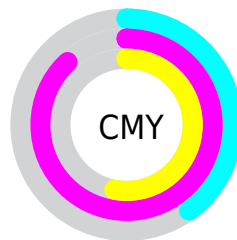
- Red (60%)
- Green (12%)
- Blue (47%)



- Red (60%)
- Yellow (12%)
- Blue (47%)



- Cyan (0%)
- Magenta (80%)
- Yellow (21%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 981E78 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 981E78 by changing the saturation by 10% instead.



981E78

981E78

FFFFFF

7C005F

D259AD

610047

EF75C8

460030

FF90E4

2D001B

FFADFF

000000

FFC9FF

FFE6FF

981E78

981E78

980F74

982D7C

980070

983C80

984C84

985B88

986A8C

987990

988894

989898

98A79C

# Harmonies

## Analogous

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



663FA1



981E78



A80948

# Triad

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



981E78



5A5700



006892

# Complementary

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



981E78



1E983E

# 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.



006963



981E78



1F6200

# Square

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



981E78



824500



00672F



0063B0

# Rectangle

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



981E78



A41E28



00672F



006983



# Sweetspot

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



981E78



C495B8



3D1E98



63475C



E3E3E3



636363



# Same Dimension

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



981E78



C40893



981E3D



4D454A



8C0067



0D0009



# Inverse Universe

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



981E78



C40893



1E987A



4D454A



8C0067



0D0009



# Previews

## White Background



This preview shows how the Hex color 981E78 looks on a white background.

## Color Contrast Check

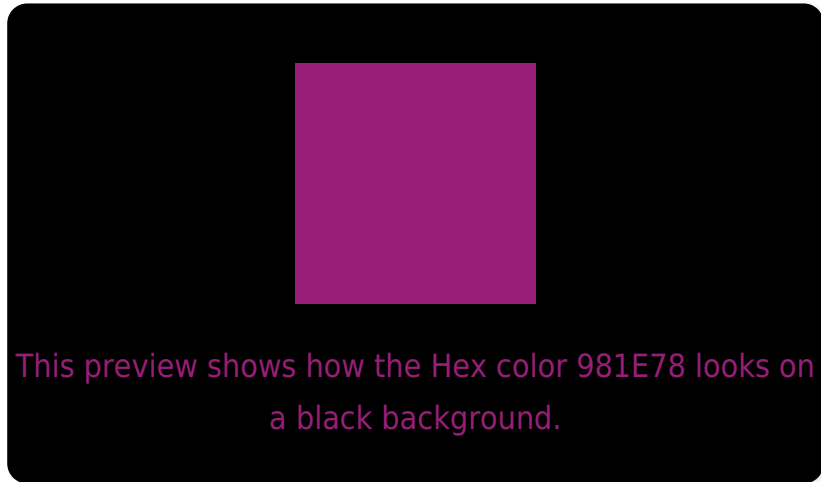
Large Text (above 18pt) WCAG AA ✓ Pass

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

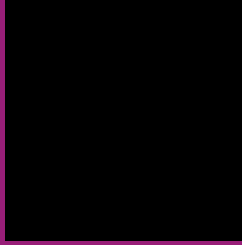
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 981E78 Background



This preview shows how black text looks on a background with the Hex color 981E78.

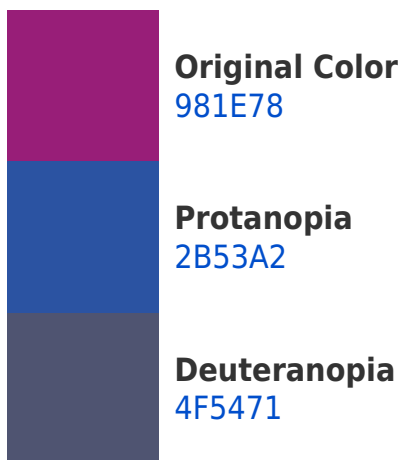


This preview shows how white text looks on a background with the Hex color 981E78.

# 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**  
933539

# Trichromacy



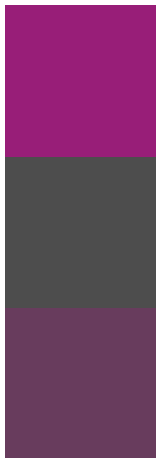
**Original Color**  
981E78

**Protanomaly**  
534093

**Deuteranomaly**  
6A4074

**Tritanomaly**  
952D50

# Monochromacy



**Original Color**  
981E78

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
683C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 981E78 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 #981E78 looks like.

```
.text, #text, p{  
    color:#981E78  
}
```

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 #981E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #981E78  
}
```

## Border

The CSS property to change the border of an element to Hex 981E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

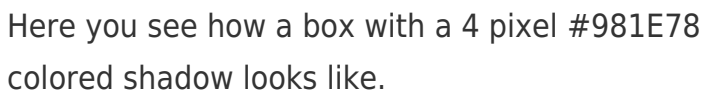
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#981E78 }
```

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

```
.border{ border-color:#981E78 }
```

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



Here you see how a box with a 4 pixel #981E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #981E78; -webkit-box-shadow:4px 4px  
4px 4px #981E78; box-shadow:4px 4px 4px  
4px #981E78 }
```

# Background

The CSS property to change the background color of an element to Hex 981E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#981E78 }
```

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

```
.background{ background-color:#981E78 }
```

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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