

# Converting Colors

Hex(980EDE)

Have a look what the booklet for  
Hex(980EDE) contains.

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**Color**

**Hex(980EDE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	980EDE
RGB	152, 14, 222
RGB Percent	60%, 5%, 87%
CMY	0.4039, 0.9451, 0.1294
CMYK	0.32, 0.94, 0.00, 0.13
HSL	280°, 88%, 46%
HSV	280°, 94%, 87%
XYZ	26.2907, 12.2634, 70.0886
YIQ	78.9740, 15.4800, 93.9440

# Conversions

## Conversions Part 2

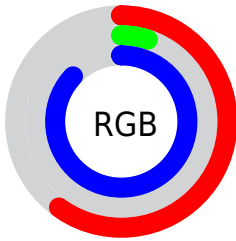
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 14, 222
Decimal	9965278
CIE <sub>Lab</sub>	41.63, 77.37, -73.32
CIE <sub>LCh</sub>	42, 106.592, 316.538
Yxy	12.2634, 0.2420, 0.1129
Android (android.graphics.Color)	4288155358 (0xFF980EDE)
YUV	78.9740, 70.5118, 64.0438
Hunter-Lab	35.0191, 72.7260, -94.1519

# Details

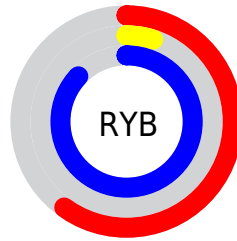
The Hex color **980EDE** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **54DE0E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **D458FF**, and **5C00A5** is the 20% darker color. If you saturate the color by 10%, you get **9300DE**, and if you desaturate by 10%, it is **9F24DE**.

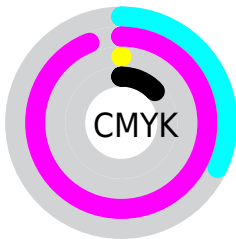
# Distribution



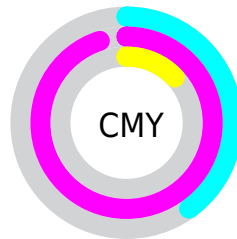
- Red (60%)
- Green (5%)
- Blue (87%)



- Red (60%)
- Yellow (5%)
- Blue (87%)



- Cyan (32%)
- Magenta (94%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (95%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 980EDE 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 980EDE by changing the saturation by 10% instead.



 980EDE

 980EDE

FFFFFF

 7A00C1

 D458FF

 5C00A5

 F375FF

 3D008A

 FF92FF

 1A0070

 FFAFFF

 000056

 FFC0FF

 00063E

 FFEAFF

 000327

 000110

 000000

■ 980EDE

■ 980EDE

■ 9300DE

■ 9F24DE

■ A73ADE

■ AE51DE

■ B667DE

■ BD7DDE

■ C593DE

■ CCA9DE

■ D4C0DE

■ DBD6DE

# Harmonies

## Analogous

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



0060FF



980EDE



E2008E

# Triad

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



980EDE



985000



008193

# Complementary

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



980EDE



54DE0E

# 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.



007E35



980EDE



496D00

# Square

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



980EDE



D00000



007A00



0082E3

# Rectangle

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



980EDE



EF0054



007A00



008074



# Sweetspot

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



980EDE



E7B8FF



0E57DE



715480



000000



808080



# Same Dimension

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



980EDE



A900FF



DE0EBF



6C6570



7500B0



200030



# Inverse Universe

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



DE0E54



FF0056



0EDE2D



706569



B0003B



300010



# Previews

## White Background



This preview shows how the Hex color 980EDE looks on a white background.

## Color Contrast Check

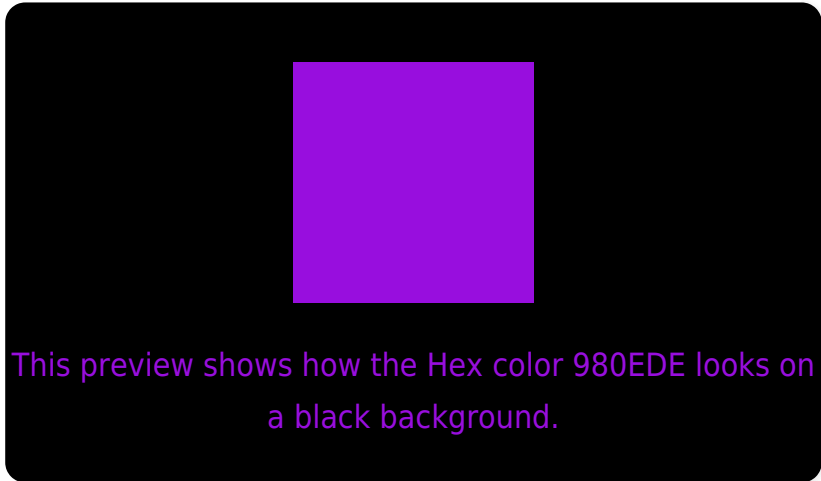
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

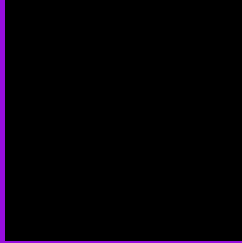
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 980EDE Background



This preview shows how black text looks on a background with the Hex color 980EDE.

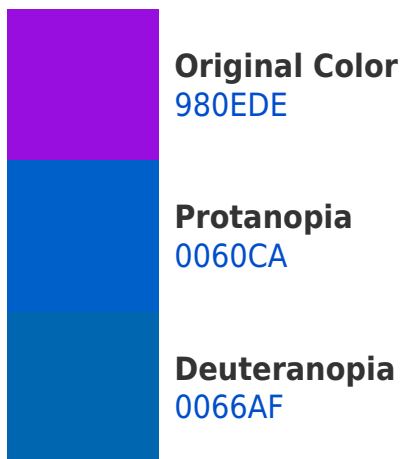


This preview shows how white text looks on a background with the Hex color 980EDE.

# 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](#).

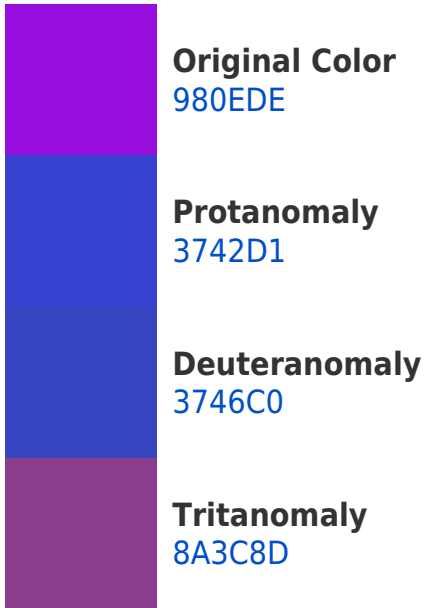
## Dichromacy



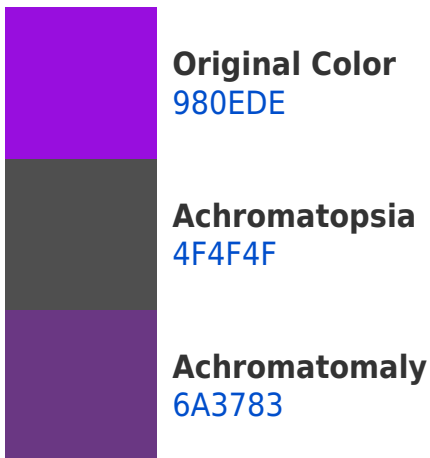


**Tritanopia**  
82575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 980EDE 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 #980EDE looks like.

```
.text, #text, p{  
    color:#980EDE  
}
```

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 #980EDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #980EDE
}
```

## Border

The CSS property to change the border of an element to Hex 980EDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

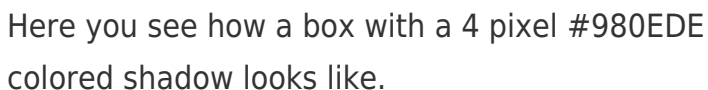
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#980EDE }
```

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

```
.border{ border-color:#980EDE }
```

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



Here you see how a box with a 4 pixel #980EDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #980EDE; -webkit-box-shadow:4px 4px  
4px 4px #980EDE; box-shadow:4px 4px 4px  
4px #980EDE }
```

# Background

The CSS property to change the background color of an element to Hex 980EDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#980EDE }
```

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

```
.background{ background-color:#980EDE }
```

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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