

# Converting Colors

Hex(980ADA)

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

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**Color**

**Hex(980ADA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	980ADA
RGB	152, 10, 218
RGB Percent	60%, 4%, 85%
CMY	0.4039, 0.9608, 0.1451
CMYK	0.30, 0.95, 0.00, 0.15
HSL	281°, 91%, 45%
HSV	281°, 95%, 85%
XYZ	25.7123, 11.9544, 67.2819
YIQ	76.1700, 17.8640, 94.7920

# Conversions

## Conversions Part 2

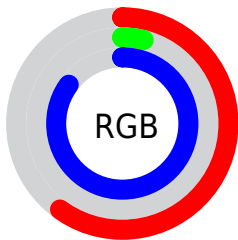
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	152, 10, 218
Decimal	9964250
CIE Lab	41.14, 77.06, -71.83
CIE LCh	41, 105.347, 317.015
Yxy	11.9544, 0.2450, 0.1139
Android (android.graphics.Color)	4288154330 (0xFF980ADA)
YUV	76.1700, 69.9222, 66.5029
Hunter-Lab	34.5752, 72.2374, -91.1733

# Details

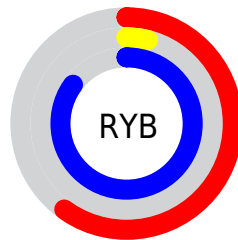
The Hex color **980ADA** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **4CDA0A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D456FF**, and **5C00A2** is the 20% darker color. If you saturate the color by 10%, you get **9500DA**, and if you desaturate by 10%, it is **9F20DA**.

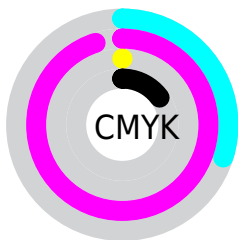
# Distribution



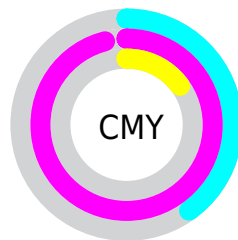
- Red (60%)
- Green (4%)
- Blue (85%)



- Red (60%)
- Yellow (4%)
- Blue (85%)



- Cyan (30%)
- Magenta (95%)
- Yellow (0%)
- Black (15%)



- Cyan (40%)
- Magenta (96%)
- Yellow (15%)

# Brightness & Saturation Gradients

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



 980ADA

 980ADA

FFFFFF

 7A00BE

 D456FF

 5C00A2

 F274FF

 3D0087

 FF91FF

 1D006C

 FFADFF

 000053

 FFCBFF

 00063B

 FFE8FF

 000224

 00000C

 000000

 980ADA

 980ADA

 9500DA

 9F20DA

 A636DA

 AD4BDA

 B461DA

 BB77DA

 C28DDA

 C8A3DA

 CFB8DA

 D6CEDA

# Harmonies

## Analogous

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



005EFF



980ADA



DF008A

# Triad

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



980ADA



955000



007F92

# Complementary

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



980ADA



4CDA0A

# 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.



007D36



980ADA



476C00

# Square

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



980ADA



CD0000



007800



0080E1

# Rectangle

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



980ADA



EC0052



007800



007F74



# Sweetspot

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



980ADA



E8B5FF



0A4FDA



715380



000000



808080



# Same Dimension

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



980ADA



AE00FF



DA0AB7



6A636E



7600AD



1F002E



# Inverse Universe

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



DA0A4C



FF0051



0ADA2D



6E6366



AD0037

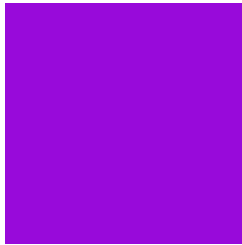


2E000F



# Previews

## White Background



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

## Color Contrast Check

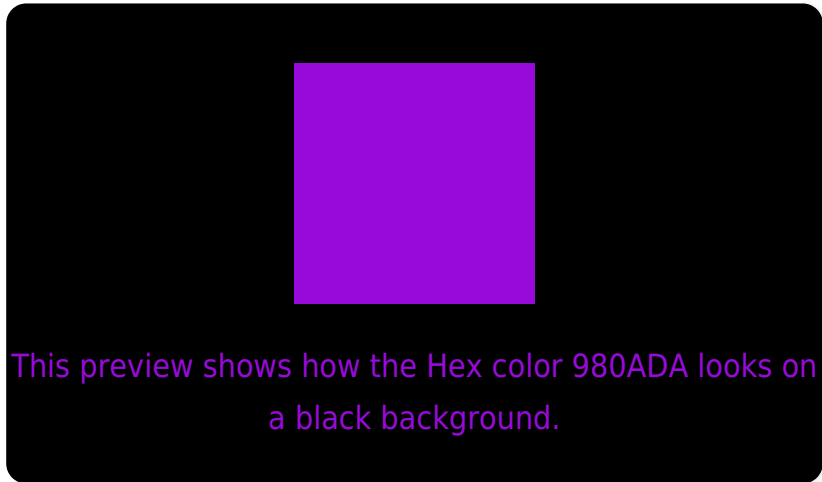
Large Text (above 18pt) WCAG AA ✓ Pass

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

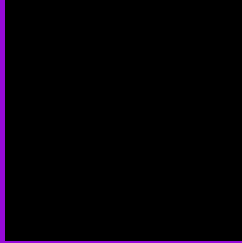
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 980ADA Background



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

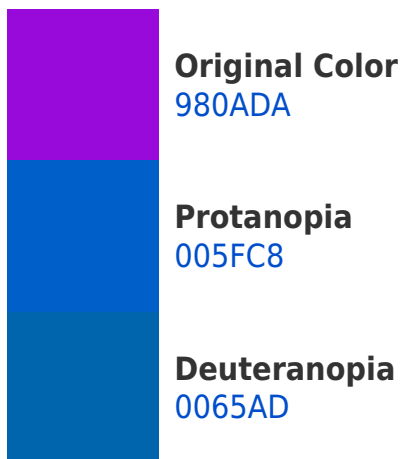



This preview shows how white text looks on a background with the Hex color 980ADA.

# 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**  
82565C

# Trichromacy



**Original Color**  
980ADA



**Protanomaly**  
3740CF



**Deuteranomaly**  
3744BD



**Tritanomaly**  
8A3A8A

# Monochromacy



**Original Color**  
980ADA



**Achromatopsia**  
4C4C4C



**Achromatomaly**  
683480

# CSS Examples

## Text

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

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

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 #980ADA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 980ADA 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".

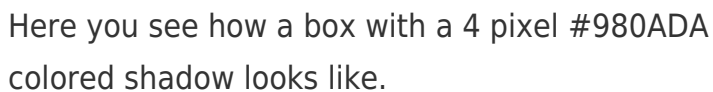
```
.border, #border, table{ border:4px solid
#980ADA }
```

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

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

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

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

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

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

# Background

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

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

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

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

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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