

# Converting Colors

Hex(984DD1)

Have a look what the booklet for  
Hex(984DD1) contains.

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**Color**

**Hex(984DD1)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 984DD1                    |
| RGB           | 152, 77, 209              |
| RGB Percent   | 60%, 30%, 82%             |
| CMY           | 0.4039, 0.6980, 0.1804    |
| CMYK          | 0.27, 0.63, 0.00, 0.18    |
| HSL           | 274°, 59%, 56%            |
| HSV           | 274°, 63%, 82%            |
| XYZ           | 27.1114, 16.5866, 62.0942 |
| YIQ           | 114.4730, 2.3280, 56.9520 |

# Conversions

## Conversions Part 2

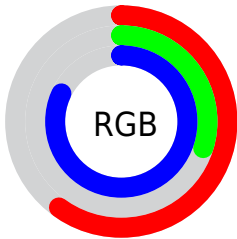
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 152, 77, 209                  |
| Decimal                             | 9981393                       |
| CIE <sub>Lab</sub>                  | 47.73, 54.42, -55.97          |
| CIE <sub>LCh</sub>                  | 48, 78.060, 314.195           |
| Yxy                                 | 16.5866, 0.2563,<br>0.1568    |
| Android<br>(android.graphics.Color) | 4288171473<br>(0xFF984DD1)    |
| YUV                                 | 114.4730, 46.6018,<br>32.9112 |
| Hunter-Lab                          | 40.7267, 47.5543,<br>-61.8883 |

# Details

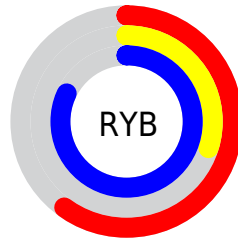
The Hex color **984DD1** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **86D14D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **D282FF**, and **60159A** is the 20% darker color. If you saturate the color by 10%, you get **8F38D1**, and if you desaturate by 10%, it is **A162D1**.

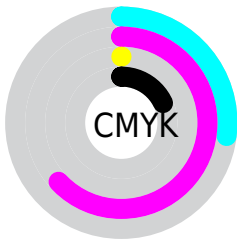
# Distribution



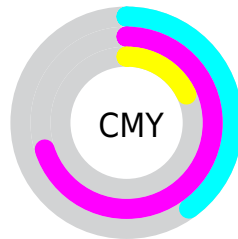
- Red (60%)
- Green (30%)
- Blue (82%)



- Red (60%)
- Yellow (30%)
- Blue (82%)



- Cyan (27%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (70%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 984DD1 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 984DD1 by changing the saturation by 10% instead.



 984DD1

 984DD1

FFFFFF

 7C33B5

 D282FF

 60159A

 EF9DFF

 44007F

 FFB9FF

 270065


 FFD5FF

 06004D

 FFF2FF

 000335

 00021E

 000001

 000000

984DD1

984DD1

8F38D1

A162D1

8623D1

AA77D1

7D0ED1

B38CD1

7700D1

BCA1D1

C5B6D1

CECAD1

D7DFD1

E0F4D1

E9FFD1

# Harmonies

## Analogous

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



006FF3



984DD1



D21797

# Triad

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



984DD1



A66100



008D90

# Complementary

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



984DD1



86D14D

# 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.



008B4B



984DD1



6D7800

# Square

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



984DD1



CF3C12



008500



008BCD

# Rectangle

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



984DD1



E0006B



008500



008C79



# Sweetspot

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



984DD1



EACFFF



4D86D1



736280



000000



808080



# Same Dimension

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



984DD1



AB3DFF



D14DC8



645E69



6000A8



170029



# Inverse Universe

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



D14D86



FF3D91



4DD156



695E63



A80049

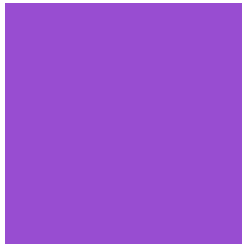


290012



# Previews

## White Background



This preview shows how the Hex color 984DD1 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

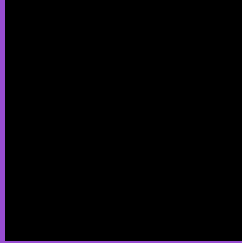
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 984DD1 Background



This preview shows how black text looks on a background with the Hex color 984DD1.

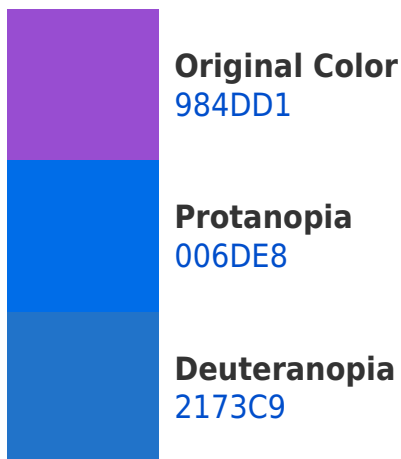



This preview shows how white text looks on a background with the Hex color 984DD1.

# 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](#).

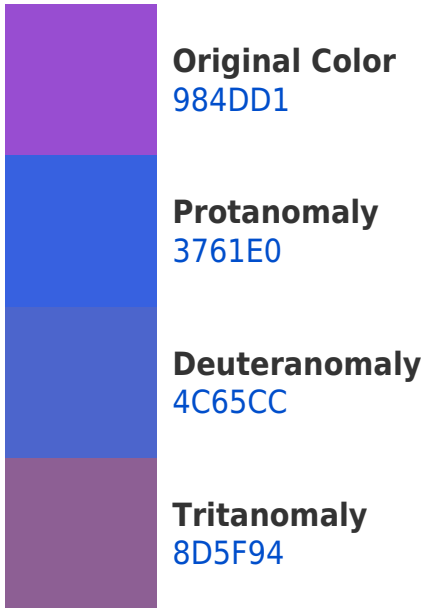
## Dichromacy



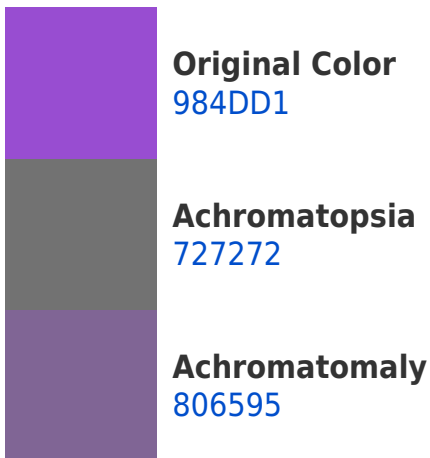


**Tritanopia**  
876971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 984DD1 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 #984DD1 looks like.

```
.text, #text, p{  
    color:#984DD1  
}
```

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 #984DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #984DD1
}
```

## Border

The CSS property to change the border of an element to Hex 984DD1 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
#984DD1 }
```

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

```
.border{ border-color:#984DD1 }
```

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

Here you see how a box with a 4 pixel #984DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #984DD1; -webkit-box-shadow:4px 4px  
4px 4px #984DD1; box-shadow:4px 4px 4px  
4px #984DD1 }
```

# Background

The CSS property to change the background color of an element to Hex 984DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#984DD1 }
```

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

```
.background{ background-color:#984DD1 }
```

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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