

# Converting Colors

Hex(D984D6)

Have a look what the booklet for  
Hex(D984D6) contains.

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# **Color**

**Hex(D984D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D984D6
RGB	217, 132, 214
RGB Percent	85%, 52%, 84%
CMY	0.1490, 0.4824, 0.1608
CMYK	0.00, 0.39, 0.01, 0.15
HSL	302°, 53%, 68%
HSV	302°, 39%, 85%
XYZ	49.0041, 36.1093, 68.0053
YIQ	166.7630, 24.3380, 43.5220

# Conversions

## Conversions Part 2

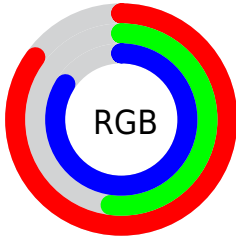
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 132, 214
Decimal	14255318
CIE <sub>Lab</sub>	66.60, 44.88, -28.54
CIE <sub>LCh</sub>	67, 53.186, 327.548
Yxy	36.1093, 0.3200, 0.2358
Android (android.graphics.Color)	4292445398 (0xFFD984D6)
YUV	166.7630, 23.2878, 44.0578
Hunter-Lab	60.0910, 40.4073, -25.0351

# Details

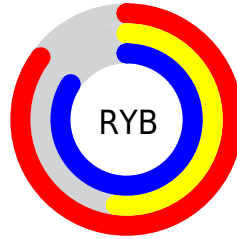
The Hex color **D984D6** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **84D987**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFBBFF**, and **A1509F** is the 20% darker color. If you saturate the color by 10%, you get **D96ED5**, and if you desaturate by 10%, it is **D99AD7**.

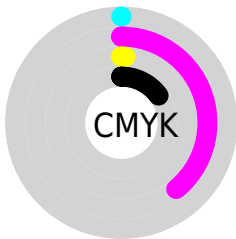
# Distribution



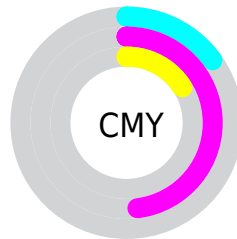
- Red (85%)
- Green (52%)
- Blue (84%)



- Red (85%)
- Yellow (52%)
- Blue (84%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (48%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D984D6 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 D984D6 by changing the saturation by 10% instead.



 D984D6

 D984D6

FFFFFF

 BC6ABA

 FFBBFF

 A1509F

 FFD7FF

 853685

 FFF4FF

 6B1B6B

 510053

 38003B

 210025

 00010D

 000000

 D984D6

 D984D6

 D96ED5

 D99AD7

 D959D4

 D9AFD8

 D943D4

 D9C5D8

 D92DD3

 D9DBD9

 D918D2

 D9F1DA

 D902D1

 D9FFDB

 D900D1

 D9FFDC

 D9FFDD

# Harmonies

## Analogous

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



9E97F7



D984D6



F779A8

# Triad

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



D984D6



C19E3E



00B9CD

# Complementary

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



D984D6



84D987

# 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.



00BA9C



D984D6



91AC49

# Square

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



D984D6



E58C52



53B56D



00B4F2

# Rectangle

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



D984D6



FB7A88



53B56D



00BABD



# Sweetspot

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



D984D6



FFE0FE



8784D9



806E7F



000000



808080



# Same Dimension

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



D984D6



FF87FB



D984AC



6E636D



AD00A7



2E002C



# Inverse Universe

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



D984D6



FF87FB



84D9B1



6E636D



AD00A7

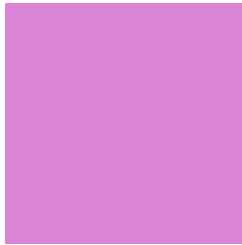


2E002C



# Previews

## White Background



This preview shows how the Hex color D984D6 looks on a white background.

## Color Contrast Check

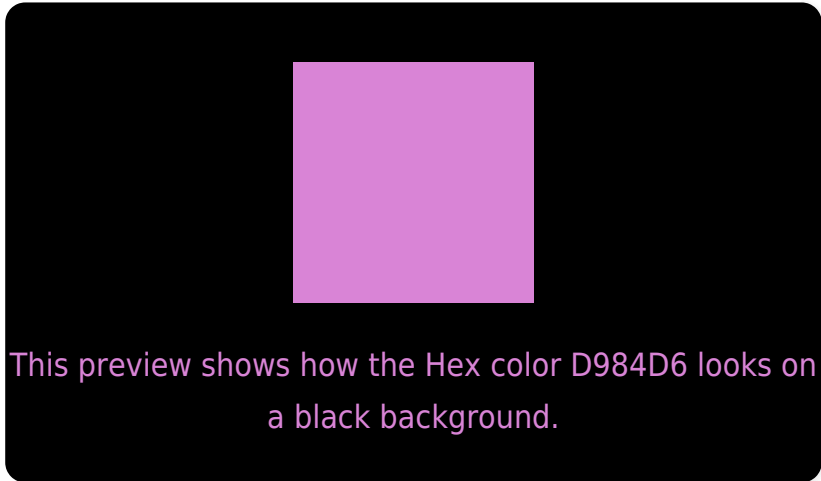
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

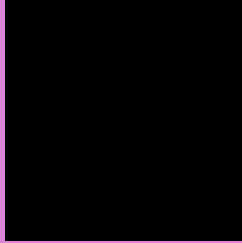
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D984D6 Background



This preview shows how black text looks on a background with the Hex color D984D6.

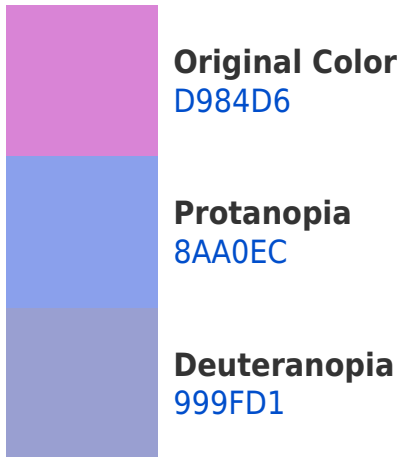



This preview shows how white text looks on a background with the Hex color D984D6.

# 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**  
D1909B

# Trichromacy



**Original Color**  
D984D6



**Protanomaly**  
A796E4



**Deuteranomaly**  
B095D3

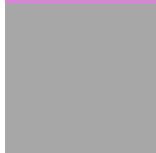


**Tritanomaly**  
D48CB0

# Monochromacy



**Original Color**  
D984D6



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
B99AB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D984D6 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 #D984D6 looks like.

```
.text, #text, p{  
    color:#D984D6  
}
```

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 #D984D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D984D6
}
```

## Border

The CSS property to change the border of an element to Hex D984D6 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
#D984D6 }
```

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

```
.border{ border-color:#D984D6 }
```

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

Here you see how a box with a 4 pixel #D984D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D984D6; -webkit-box-shadow:4px 4px  
4px 4px #D984D6; box-shadow:4px 4px 4px  
4px #D984D6 }
```

# Background

The CSS property to change the background color of an element to Hex D984D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D984D6 }
```

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

```
.background{ background-color:#D984D6 }
```

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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