

# Converting Colors

Hex(985B8B)

Have a look what the booklet for  
Hex(985B8B) contains.

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# Color

**Hex(985B8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985B8B
RGB	152, 91, 139
RGB Percent	60%, 36%, 55%
CMY	0.4039, 0.6431, 0.4549
CMYK	0.00, 0.40, 0.09, 0.40
HSL	313°, 25%, 48%
HSV	313°, 40%, 60%
XYZ	21.3502, 16.0217, 26.3933
YIQ	114.7110, 20.9480, 27.8600

# Conversions

## Conversions Part 2

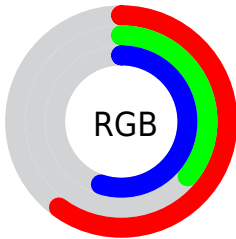
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 91, 139
Decimal	9984907
CIE <sub>Lab</sub>	47.00, 32.38, -16.08
CIE <sub>LCh</sub>	47, 36.150, 333.594
Yxy	16.0217, 0.3348, 0.2513
Android (android.graphics.Color)	4288174987 (0xFF985B8B)
YUV	114.7110, 11.9745, 32.7025
Hunter-Lab	40.0271, 25.1634, -11.0761

# Details

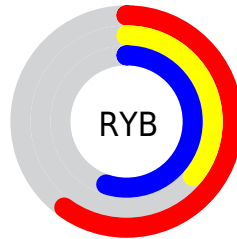
The Hex color **985B8B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B9868**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CF8EC1**, and **642B59** is the 20% darker color. If you saturate the color by 10%, you get **984C88**, and if you desaturate by 10%, it is **986A8E**.

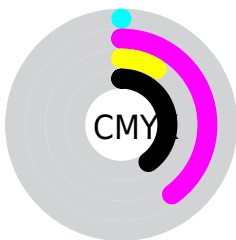
# Distribution



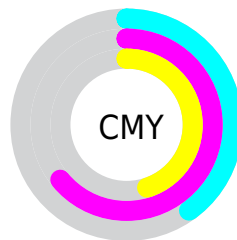
- Red (60%)
- Green (36%)
- Blue (55%)



- Red (60%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (40%)
- Yellow (9%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 985B8B 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 985B8B by changing the saturation by 10% instead.



 985B8B

 985B8B

FFFFFF

 7D4271

 CF8EC1

 642B59

 ECA9DC

 4B1241

 FFC5F9

 32002B

 FFE1FF

 1C0017

FFFEFF

 000000

 985B8B

 985B8B

 984C88

 986A8E

 983D85

 987991

982D81

988995

981E7E

989898

980F7B

98A79B

980078

98B69E

98C5A2

98D5A5

98E4A8

# Harmonies

## Analogous

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



7766A2



985B8B



A8566D

# Triad

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



985B8B



7E6F31



007E90

# Complementary

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



985B8B



5B9868

# 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.



007F72



985B8B



5E773B

# Square

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



985B8B



976439



367D53



007AA5

# Rectangle

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



985B8B



A85859



367D53



007F87



# Sweetspot

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



985B8B



C4ADBF



675B98



635660



E3E3E3



636363



# Same Dimension

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



985B8B



C466B0



985B6D



4D454B



8C006E



0D000A



# Inverse Universe

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



985B8B



C466B0



5B9886



4D454B



8C006E

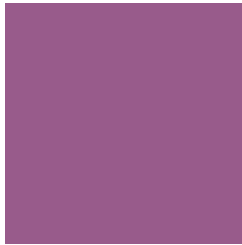


0D000A



# Previews

## White Background



This preview shows how the Hex color 985B8B looks on a white background.

## Color Contrast Check

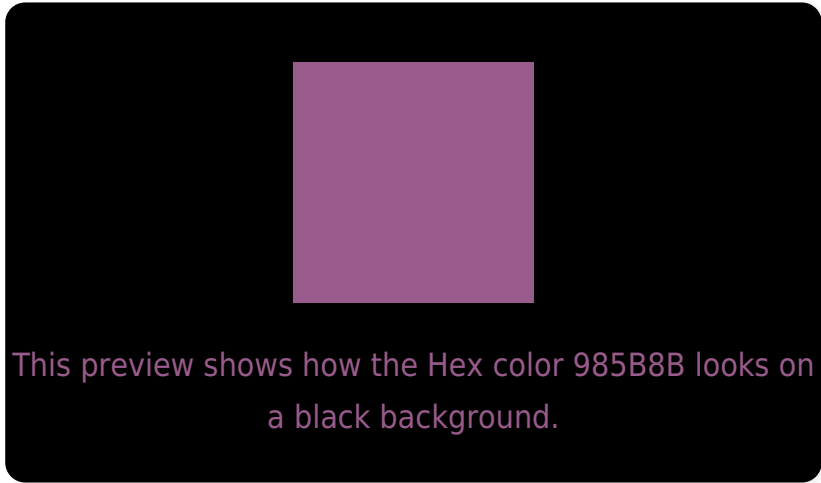
Large Text (above 18pt) WCAG AA ✓ Pass

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

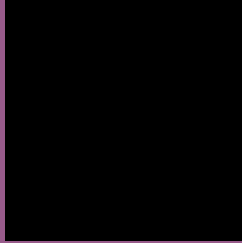
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 985B8B Background



This preview shows how black text looks on a background with the Hex color 985B8B.

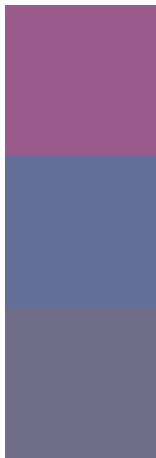


This preview shows how white text looks on a background with the Hex color 985B8B.

# 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



**Original Color**  
985B8B

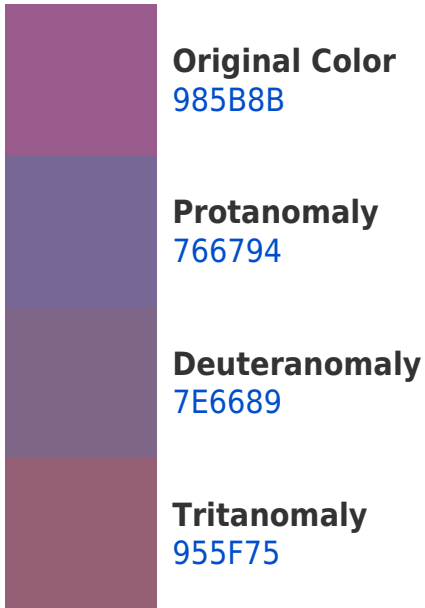
**Protanopia**  
636E99

**Deuteranopia**  
6F6D88

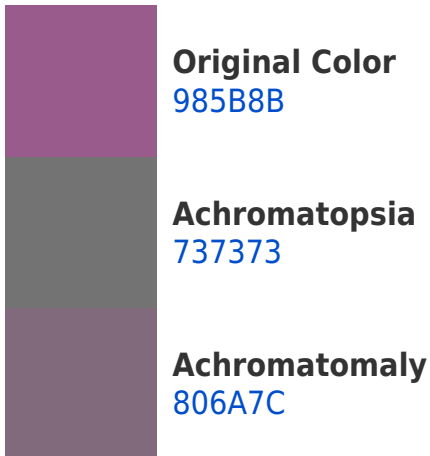


**Tritanopia**  
946269

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 985B8B 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 #985B8B looks like.

```
.text, #text, p{  
    color:#985B8B  
}
```

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 #985B8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #985B8B
}
```

## Border

The CSS property to change the border of an element to Hex 985B8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

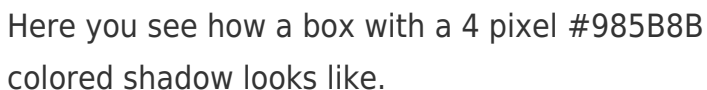
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#985B8B }
```

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

```
.border{ border-color:#985B8B }
```

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



Here you see how a box with a 4 pixel #985B8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #985B8B; -webkit-box-shadow:4px 4px  
4px 4px #985B8B; box-shadow:4px 4px 4px  
4px #985B8B }
```

# Background

The CSS property to change the background color of an element to Hex 985B8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#985B8B }
```

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

```
.background{ background-color:#985B8B }
```

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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