

# Converting Colors

Hex(985BBB)

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

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# Color

**Hex(985BBB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	985BBB
RGB	152, 91, 187
RGB Percent	60%, 36%, 73%
CMY	0.4039, 0.6431, 0.2667
CMYK	0.19, 0.51, 0.00, 0.27
HSL	278°, 41%, 55%
HSV	278°, 51%, 73%
XYZ	25.6596, 17.7454, 49.0865
YIQ	120.1830, 5.5400, 42.7880

# Conversions

## Conversions Part 2

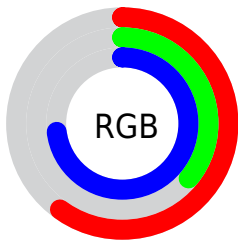
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 91, 187
Decimal	9984955
CIE <sub>Lab</sub>	49.19, 42.18, -40.97
CIE <sub>LCh</sub>	49, 58.798, 315.836
Yxy	17.7454, 0.2774, 0.1919
Android (android.graphics.Color)	4288175035 (0xFF985BBB)
YUV	120.1830, 32.9408, 27.9035
Hunter-Lab	42.1253, 35.0096, -39.5999

# Details

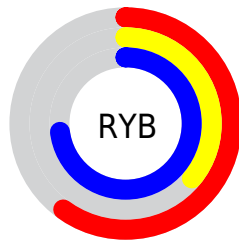
The Hex color **985BBB** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7EBB5B**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **D08FF4**, and **622985** is the 20% darker color. If you saturate the color by 10%, you get **9148BB**, and if you desaturate by 10%, it is **9F6EBB**.

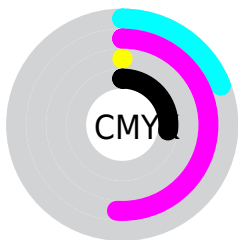
# Distribution



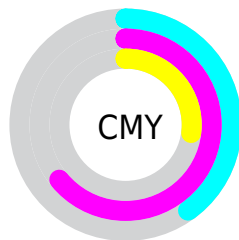
- Red (60%)
- Green (36%)
- Blue (73%)



- Red (60%)
- Yellow (36%)
- Blue (73%)



- Cyan (19%)
- Magenta (51%)
- Yellow (0%)
- Black (27%)



- Cyan (40%)
- Magenta (64%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



 985BBB

 985BBB

FFFFFF

 7D42A0

 D08FF4

 622985

 EDAAFF

 480F6B

 FFC6FF


 2F0053

 FFE2FF

 1A003B

 000224

 00000C

 000000

 985BBB

 985BBB

9148BB

9F6EBB

8A36BB

A680BB

8423BB

AC93BB

7D10BB

B3A6BB

7700BB

BAB9BB

C1CBBB

C8DEBB

CFF1BB

D5FFBB

# Harmonies

## Analogous

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



3C72D5



985BBB



C2458F

# Triad

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



985BBB



A06A00



008C8F

# Complementary

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



985BBB



7EBB5B

# 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.



008A5B



985BBB



747B00

# Square

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



985BBB



C0542E



378529



0089BC

# Rectangle

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



985BBB



CD406D



378529



008C7E



# Sweetspot

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



985BBB



E5CEF2



5B7EBB



72647A



FAFAFA



7A7A7A



# Same Dimension

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



985BBB



BB5CF2



BB5BAE



5B555E



64009E



13001F



# Inverse Universe

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



BB5B7E



F25C93



5BBB68



5E5558



9E003A

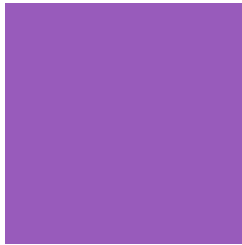


1F000B



# Previews

## White Background



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

## Color Contrast Check

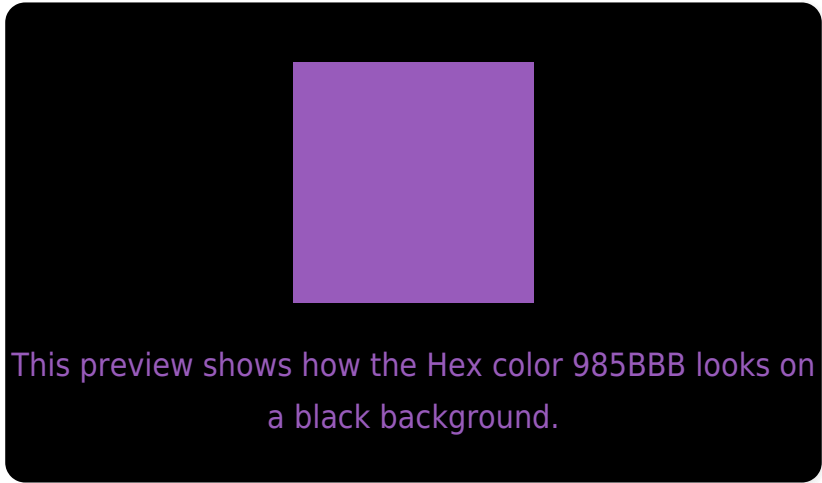
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

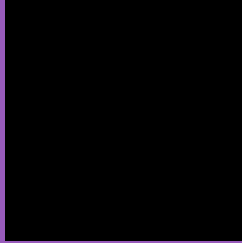
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 985BBB Background



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

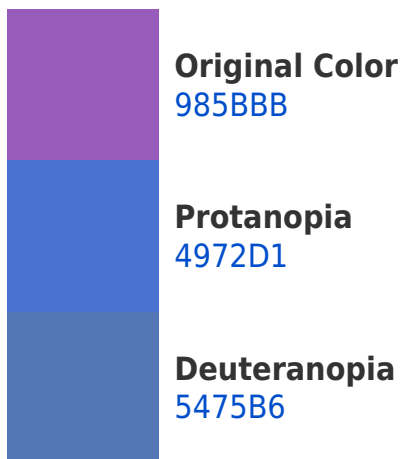


This preview shows how white text looks on a background with the Hex color 985BBB.

# 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](#).

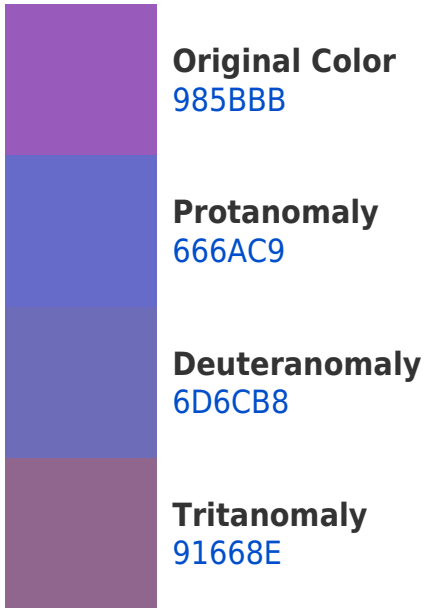
## Dichromacy



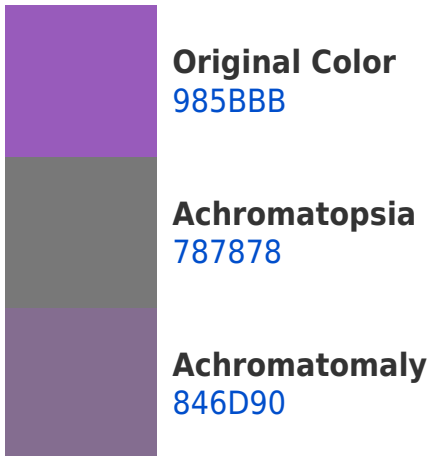


**Tritanopia**  
8D6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #985BBB colored shadow looks like.

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

## Border

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

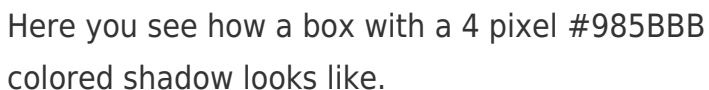
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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