

# Converting Colors

Hex(983688)

Have a look what the booklet for  
Hex(983688) contains.

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**Color**

**Hex(983688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	983688
RGB	152, 54, 136
RGB Percent	60%, 21%, 53%
CMY	0.4039, 0.7882, 0.4667
CMYK	0.00, 0.64, 0.11, 0.40
HSL	310°, 48%, 40%
HSV	310°, 64%, 60%
XYZ	18.7120, 11.0913, 24.4472
YIQ	92.6500, 32.0860, 46.2780

# Conversions

## Conversions Part 2

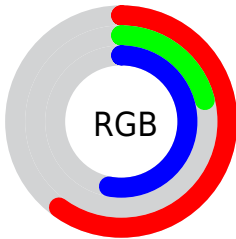
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 54, 136
Decimal	9975432
CIE <sub>Lab</sub>	39.73, 50.64, -25.47
CIE <sub>LCh</sub>	40, 56.680, 333.302
Yxy	11.0913, 0.3449, 0.2044
Android (android.graphics.Color)	4288165512 (0xFF983688)
YUV	92.6500, 21.3715, 52.0499
Hunter-Lab	33.3036, 42.0108, -20.2104

# Details

The Hex color **983688** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **369846**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **D16BBE**, and **620056** is the 20% darker color. If you saturate the color by 10%, you get **982786**, and if you desaturate by 10%, it is **98458A**.

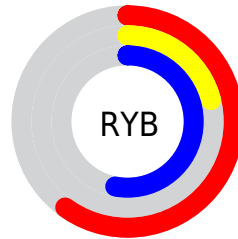
# Distribution



Red (60%)

Green (21%)

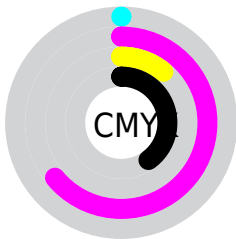
Blue (53%)



Red (60%)

Yellow (21%)

Blue (53%)

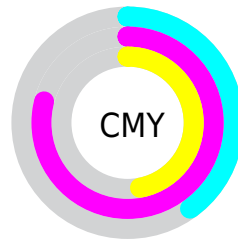


Cyan (0%)

Magenta (64%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (79%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 983688 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 983688 by changing the saturation by 10% instead.



 983688

 983688

FFFFFF

 7D186E

 D16BBE

 620056

 EE86DA

 48003E

 FFA2F6

 310028

 FFBEFF

 080012

 FFDBFF

 000000

 FFF8FF

 983688

 983688

 982786

 98458A

981883

98548D

980881

98648F

98007F

987392

988294

989197

98A099

98B09C

98BF9E

# Harmonies

## Analogous

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



624FAC



983688



AD275B

# Triad

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



983688



6D5D00



00728F

# Complementary

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



983688



369846

# 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.



007262



983688



3D6900

# Square

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



983688



924B00



006F31



006DB0

# Rectangle

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



983688



AD2D3C



006F31



007281



# Sweetspot

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



983688



C49FBE



453698



634D60



E3E3E3



636363



# Same Dimension

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



983688



C42DAC



983658



4D454B



8C0075



0D000B



# Inverse Universe

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



983688



C42DAC



369876



4D454B



8C0075



0D000B



# Previews

## White Background



This preview shows how the Hex color 983688 looks on a white background.

## Color Contrast Check

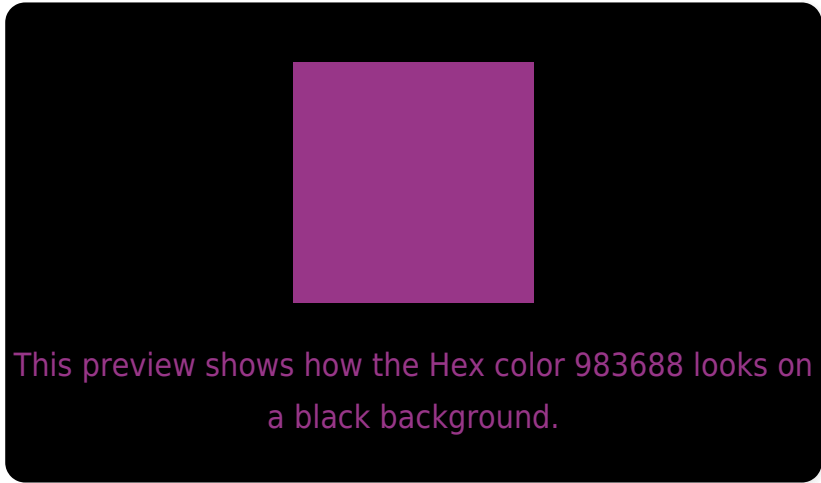
Large Text (above 18pt) WCAG AA ✓ Pass

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

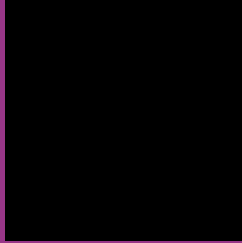
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 983688 Background



This preview shows how black text looks on a background with the Hex color 983688.

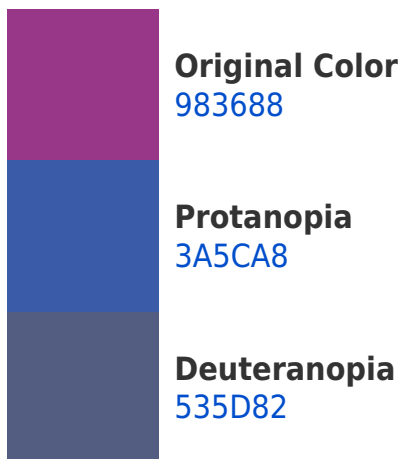


This preview shows how white text looks on a background with the Hex color 983688.

# 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**  
92474C

# Trichromacy



**Original Color**  
983688



**Protanomaly**  
5C4E9C



**Deuteranomaly**  
6C4F84



**Tritanomaly**  
944162

# Monochromacy



**Original Color**  
983688



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
724F6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 983688 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 #983688 looks like.

```
.text, #text, p{  
    color:#983688  
}
```

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 #983688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #983688
}
```

## Border

The CSS property to change the border of an element to Hex 983688 is called "border". The border property can be set on classes, ids or directly on the HTML element.

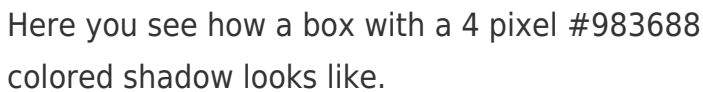
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#983688 }
```

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

```
.border{ border-color:#983688 }
```

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



Here you see how a box with a 4 pixel #983688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #983688; -webkit-box-shadow:4px 4px  
4px 4px #983688; box-shadow:4px 4px 4px  
4px #983688 }
```

# Background

The CSS property to change the background color of an element to Hex 983688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#983688 }
```

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

```
.background{ background-color:#983688 }
```

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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