

# Converting Colors

Hex(993E84)

Have a look what the booklet for  
Hex(993E84) contains.

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# Color

**Hex(993E84)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993E84
RGB	153, 62, 132
RGB Percent	60%, 24%, 52%
CMY	0.4000, 0.7569, 0.4824
CMYK	0.00, 0.59, 0.14, 0.40
HSL	314°, 42%, 42%
HSV	314°, 59%, 60%
XYZ	19.0244, 11.8835, 23.1208
YIQ	97.1890, 31.7660, 41.0620

# Conversions

## Conversions Part 2

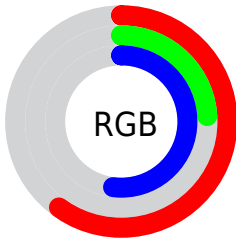
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 62, 132
Decimal	10043012
CIE <sub>Lab</sub>	41.03, 46.66, -20.99
CIE <sub>LCh</sub>	41, 51.162, 335.777
Yxy	11.8835, 0.3521, 0.2199
Android (android.graphics.Color)	4288233092 (0xFF993E84)
YUV	97.1890, 17.1618, 48.9462
Hunter-Lab	34.4724, 38.1822, -15.6354

# Details

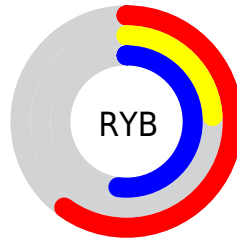
The Hex color **993E84** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3E9953**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D272B9**, and **630052** is the 20% darker color. If you saturate the color by 10%, you get **992F80**, and if you desaturate by 10%, it is **994D88**.

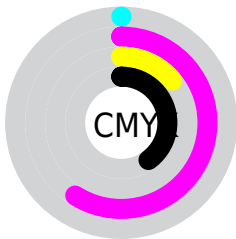
# Distribution



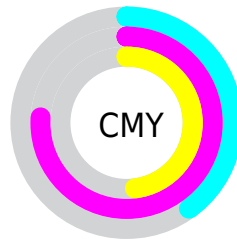
- Red (60%)
- Green (24%)
- Blue (52%)



- Red (60%)
- Yellow (24%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (76%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993E84 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 993E84 by changing the saturation by 10% instead.



 993E84

 993E84

FFFFFF

 7E236B

 D272B9

 630052

 EF8DD5

 49003B

 FFA9F1

 320025

 FFC5FF

 0E000D

 FFE1FF

 000000

 993E84

 993E84

 992F80

 994D88

 991F7D

 995D8B

 991079

 996C8F

 990176

 997B92

 990076

 998B96

 999A99

 99A99D

 99B8A0

 99C8A4

# Harmonies

## Analogous

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



6B52A5



993E84



AB355A

# Triad

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



993E84



6D6100



007391

# Complementary

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



993E84



3E9953

# 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.



007468



993E84



416C13

# Square

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



993E84



8F520C



00723C



006EAD

# Rectangle

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



993E84



AA3A3F



00723C



007484



# Sweetspot

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



993E84



C7A3BF



523E99



634E5E



E3E3E3



636363



# Same Dimension

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



993E84



C73AA6



993E58



4D454B



8C006C



0D000A



# Inverse Universe

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



993E84



C73AA6



3E997F



4D454B



8C006C



0D000A



# Previews

## White Background



This preview shows how the Hex color 993E84 looks on a white background.

## Color Contrast Check

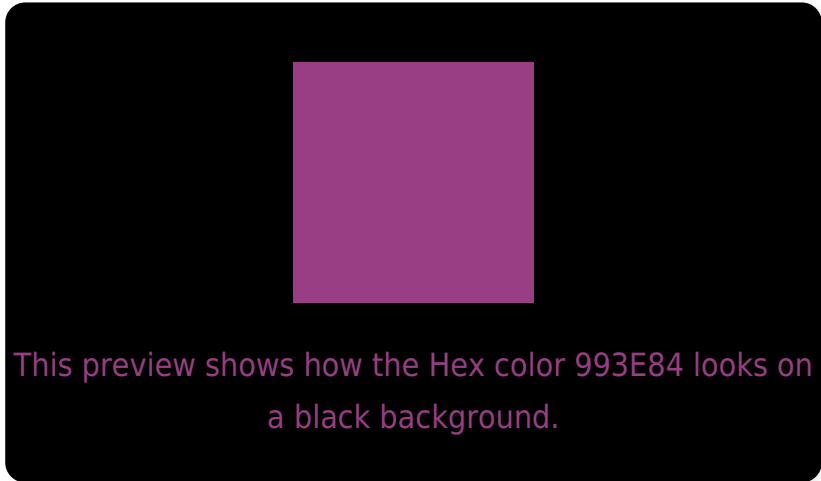
Large Text (above 18pt) WCAG AA ✓ Pass

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

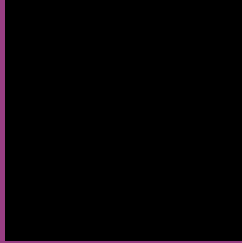
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 993E84 Background



This preview shows how black text looks on a background with the Hex color 993E84.

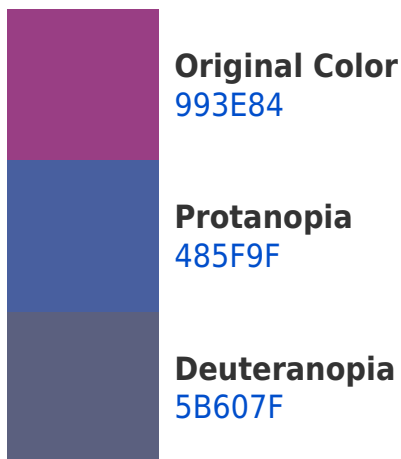


This preview shows how white text looks on a background with the Hex color 993E84.

# 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



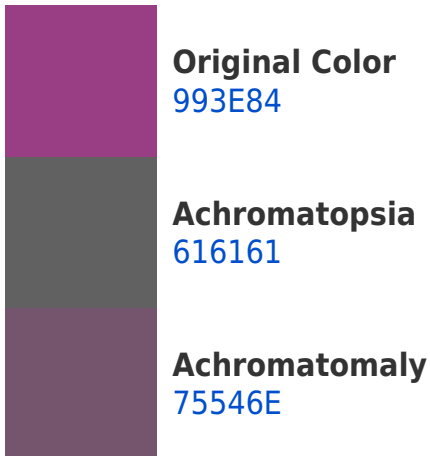


**Tritanopia**  
944B50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993E84 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 #993E84 looks like.

```
.text, #text, p{  
    color:#993E84  
}
```

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 #993E84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993E84
}
```

## Border

The CSS property to change the border of an element to Hex 993E84 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
#993E84 }
```

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

```
.border{ border-color:#993E84 }
```

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

Here you see how a box with a 4 pixel #993E84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993E84; -webkit-box-shadow:4px 4px  
4px 4px #993E84; box-shadow:4px 4px 4px  
4px #993E84 }
```

# Background

The CSS property to change the background color of an element to Hex 993E84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993E84 }
```

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

```
.background{ background-color:#993E84 }
```

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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