

# Converting Colors

Hex(993F8B)

Have a look what the booklet for  
Hex(993F8B) contains.

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# Color

**Hex(993F8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993F8B
RGB	153, 63, 139
RGB Percent	60%, 25%, 55%
CMY	0.4000, 0.7529, 0.4549
CMYK	0.00, 0.59, 0.09, 0.40
HSL	309°, 42%, 42%
HSV	309°, 59%, 60%
XYZ	19.5746, 12.1914, 25.7476
YIQ	98.5740, 29.2440, 42.7160

# Conversions

## Conversions Part 2

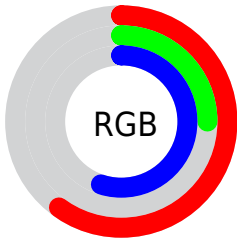
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 63, 139
Decimal	10043275
CIELab	41.52, 47.35, -24.51
CIELCh	42, 53.312, 332.633
Yxy	12.1914, 0.3403, 0.2120
Android (android.graphics.Color)	4288233355 (0xFF993F8B)
YUV	98.5740, 19.9300, 47.7316
Hunter-Lab	34.9162, 38.9667, -19.2798

# Details

The Hex color **993F8B** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F994D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D174C1**, and **630159** is the 20% darker color. If you saturate the color by 10%, you get **993089**, and if you desaturate by 10%, it is **994E8D**.

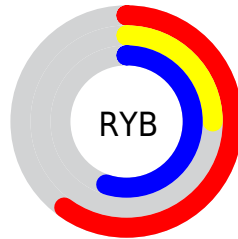
# Distribution



Red (60%)

Green (25%)

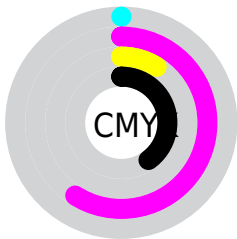
Blue (55%)



Red (60%)

Yellow (25%)

Blue (55%)

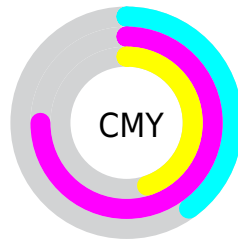


Cyan (0%)

Magenta (59%)

Yellow (9%)

Black (40%)



Cyan (40%)

Magenta (75%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993F8B 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 993F8B by changing the saturation by 10% instead.





993F8B



993F8B

FFFFFF



7E2471



D174C1



630159



EF8EDD



490041



FFAAF9



32002B



FFC6FF



100015



FFE3FF



000000



993F8B



993F8B



993089



994E8D



992086



995E90

991184

996D92

990281

997C95

990081

998B97

999B99

99AA9C

99B99E

99C9A0

# Harmonies

## Analogous

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



6654AC



993F8B



AE3360

# Triad

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



993F8B



736100



007590

# Complementary

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



993F8B



3F994D

# 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.



007665



993F8B



466D09

# Square

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



993F8B



95500C



007337



0071B0

# Rectangle

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



993F8B



AF3743



007337



007683



# Sweetspot

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



993F8B



C7A3C1



4D3F99



634E60



E3E3E3



636363



# Same Dimension

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



993F8B



C73AB1



993F5E



4D454B



8C0076



0D000B



# Inverse Universe

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



993F8B



C73AB1



3F997A



4D454B



8C0076



0D000B



# Previews

## White Background



This preview shows how the Hex color 993F8B looks on a white background.

## Color Contrast Check

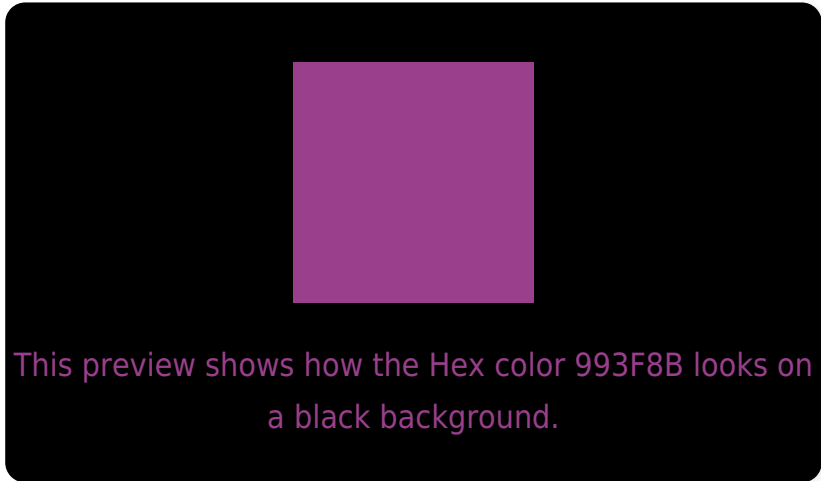
Large Text (above 18pt) WCAG AA ✓ Pass

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

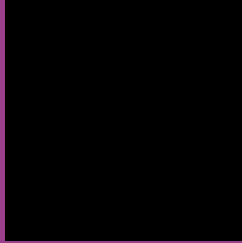
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 993F8B Background



This preview shows how black text looks on a background with the Hex color 993F8B.

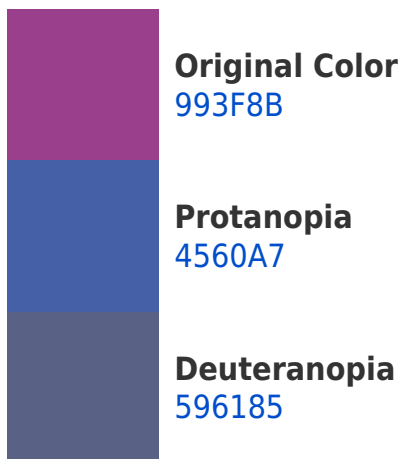


This preview shows how white text looks on a background with the Hex color 993F8B.

# 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**  
934E53

# Trichromacy



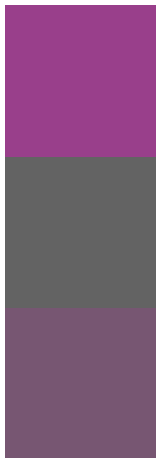
**Original Color**  
993F8B

**Protanomaly**  
64549D

**Deuteranomaly**  
705587

**Tritanomaly**  
954967

# Monochromacy



**Original Color**  
993F8B

**Achromatopsia**  
636363

**Achromatomaly**  
775672

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993F8B 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 #993F8B looks like.

```
.text, #text, p{  
    color:#993F8B  
}
```

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 #993F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993F8B  
}
```

## Border

The CSS property to change the border of an element to Hex 993F8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

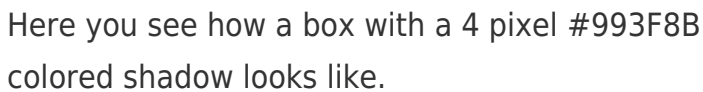
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#993F8B }
```

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

```
.border{ border-color:#993F8B }
```

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



Here you see how a box with a 4 pixel #993F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993F8B; -webkit-box-shadow:4px 4px  
4px 4px #993F8B; box-shadow:4px 4px 4px  
4px #993F8B }
```

# Background

The CSS property to change the background color of an element to Hex 993F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993F8B }
```

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

```
.background{ background-color:#993F8B }
```

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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