

# Converting Colors

Hex(993F93)

Have a look what the booklet for  
Hex(993F93) contains.

|  |    |
|--|----|
| <b>Hex(993F93)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(993F93)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 993F93                    |
| RGB           | 153, 63, 147              |
| RGB Percent   | 60%, 25%, 58%             |
| CMY           | 0.4000, 0.7529, 0.4235    |
| CMYK          | 0.00, 0.59, 0.04, 0.40    |
| HSL           | 304°, 42%, 42%            |
| HSV           | 304°, 59%, 60%            |
| XYZ           | 20.1808, 12.4339, 28.9401 |
| YIQ           | 99.4860, 26.6760, 45.2040 |

# Conversions

## Conversions Part 2

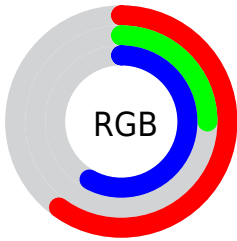
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 153, 63, 147                  |
| Decimal                             | 10043283                      |
| CIE <sub>Lab</sub>                  | 41.90, 48.73, -28.77          |
| CIE <sub>LCh</sub>                  | 42, 56.588, 329.445           |
| Yxy                                 | 12.4339, 0.3279,<br>0.2020    |
| Android<br>(android.graphics.Color) | 4288233363<br>(0xFF993F93)    |
| YUV                                 | 99.4860, 23.4244,<br>46.9318  |
| Hunter-Lab                          | 35.2617, 40.4503,<br>-23.9774 |

# Details

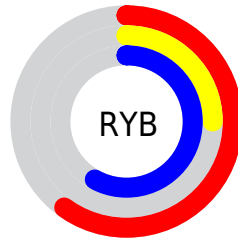
The Hex color **993F93** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3F9945**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **D174C9**, and **630060** is the 20% darker color. If you saturate the color by 10%, you get **993092**, and if you desaturate by 10%, it is **994E94**.

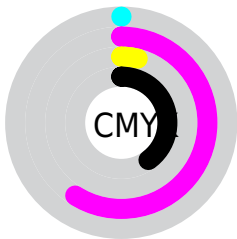
# Distribution



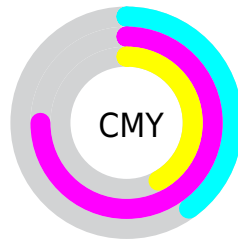
- Red (60%)
- Green (25%)
- Blue (58%)



- Red (60%)
- Yellow (25%)
- Blue (58%)



- Cyan (0%)
- Magenta (59%)
- Yellow (4%)
- Black (40%)



- Cyan (40%)
- Magenta (75%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993F93 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 993F93 by changing the saturation by 10% instead.



 993F93

 993F93

FFFFFF

 7E2479

 D174C9

 630060

 EF8FE6

 490048

 FFAAFF

 320031

 FFC6FF

 11001B

 FFE3FF

 000000

 993F93

 993F93

 993092

 994E94

 992091

 995E95

991190

996D96

99028F

997C97

99008F

998B98

999B99

99AA9A

99B99B

99C99C

# Harmonies

## Analogous

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



5D57B5



993F93



B22E66

# Triad

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



993F93



786100



007790

# Complementary

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



993F93



3F9945

# 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.



007761



993F93



4A6D00

# Square

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



993F93



9C4D0A



007430



0073B3

# Rectangle

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



993F93



B43247



007430



007881



# Sweetspot

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



993F93



C7A3C5



453F99



634E62



E3E3E3



636363



# Same Dimension

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



993F93



C73ABD



993F66



4D454C



8C0083



0D000C



# Inverse Universe

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



993F93



C73ABD



3F9972



4D454C



8C0083



0D000C



# Previews

## White Background



This preview shows how the Hex color 993F93 looks on a white background.

## Color Contrast Check

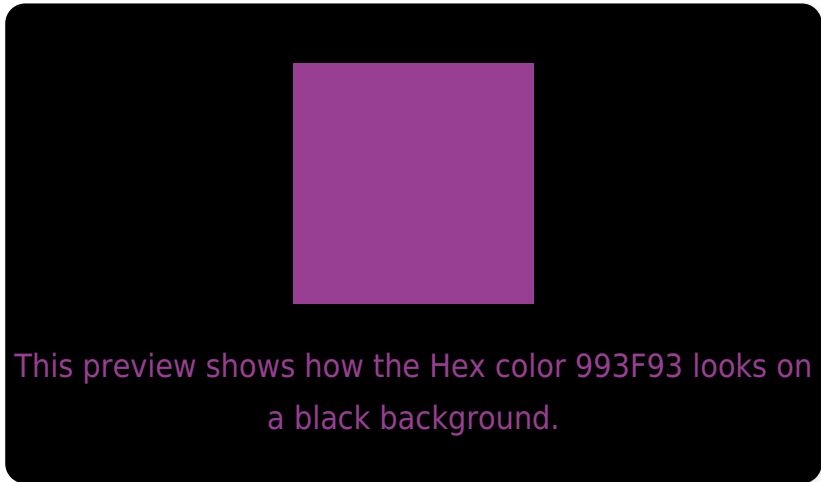
Large Text (above 18pt) WCAG AA ✓ Pass

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

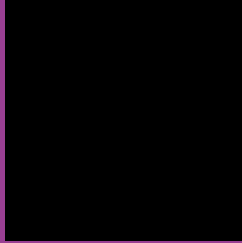
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 993F93 Background



This preview shows how black text looks on a background with the Hex color 993F93.

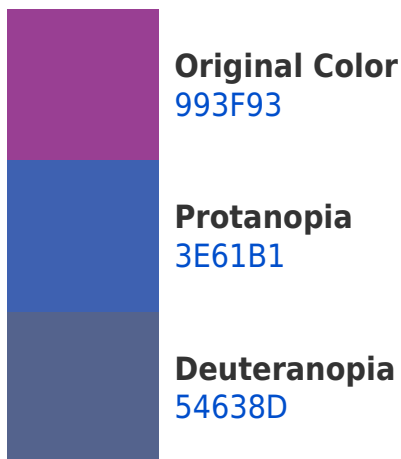


This preview shows how white text looks on a background with the Hex color 993F93.

# 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**  
925055

# Trichromacy



**Original Color**  
993F93



**Protanomaly**  
5F55A6



**Deuteranomaly**  
6D568F



**Tritanomaly**  
954A6C

# Monochromacy



**Original Color**  
993F93



**Achromatopsia**  
636363



**Achromatomaly**  
775674

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993F93 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 #993F93 looks like.

```
.text, #text, p{  
    color:#993F93  
}
```

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 #993F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993F93
}
```

## Border

The CSS property to change the border of an element to Hex 993F93 is called "border". The border property can be set on classes, ids or directly on the HTML element.

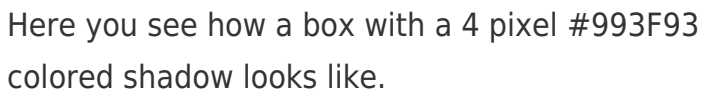
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993F93 }
```

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

```
.border{ border-color:#993F93 }
```

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



Here you see how a box with a 4 pixel #993F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993F93; -webkit-box-shadow:4px 4px  
4px 4px #993F93; box-shadow:4px 4px 4px  
4px #993F93 }
```

# Background

The CSS property to change the background color of an element to Hex 993F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993F93 }
```

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

```
.background{ background-color:#993F93 }
```

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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