

Converting Colors

Hex(993399)

Have a look what the booklet for
Hex(993399) contains.

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Color

Hex(993399)

Conversions

Conversions Part 1

Format	Color
Hex	993399
RGB	153, 51, 153
RGB Percent	60%, 20%, 60%
CMY	0.4000, 0.8000, 0.4000
CMYK	0.00, 0.67, 0.00, 0.40
HSL	300°, 50%, 40%
HSV	300°, 67%, 60%
XYZ	20.0705, 11.4399, 31.2873
YIQ	93.1260, 28.0500, 53.3460

Conversions

Conversions Part 2

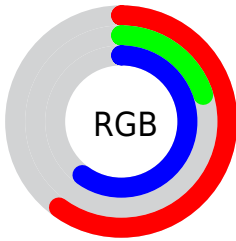
Format	Color
R_{YB}	153, 51, 153
Decimal	10040217
CIE _{Lab}	40.31, 55.02, -34.89
CIE _{LCh}	40, 65.150, 327.622
Yxy	11.4399, 0.3196, 0.1822
Android (android.graphics.Color)	4288230297 (0xFF993399)
YUV	93.1260, 29.5179, 52.5095
Hunter-Lab	33.8229, 46.7317, -31.1692

Details

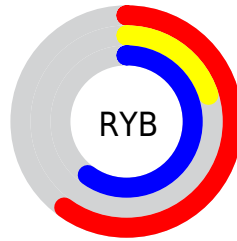
The Hex color **993399** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **339933**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **D26AD0**, and **620065** is the 20% darker color. If you saturate the color by 10%, you get **992499**, and if you desaturate by 10%, it is **994299**.

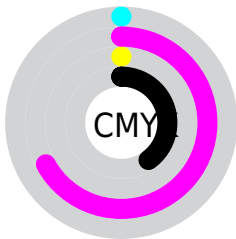
Distribution



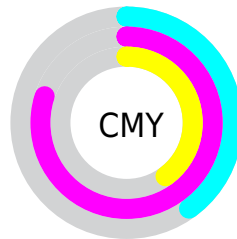
- Red (60%)
- Green (20%)
- Blue (60%)



- Red (60%)
- Yellow (20%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 993399 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 993399 by changing the saturation by 10% instead.

 993399

 993399

FFFFFF

 7D127F

 D26AD0

 620065

 EF85EC

 48004D

 FFA0FF

 310036

 FFBDFE

 0D001F

 FFD9FF

 000002

 FFF6FF

 000000

 993399

 993399

 992499

 994299

 991499

 995299

 990599

 996199

 990099

 997099

 998099

 998F99

 999E99

 99AD99

 99BD99

Harmonies

Analogous

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



4D53BF



993399



B71066

Triad

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



993399



785B00



00768F

Complementary

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



993399



339933

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.



007559



993399



436A00

Square

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



993399



9F4400



007220



0072B9

Rectangle

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



993399



BA1742



007220



00767E

Sweetspot

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



993399



C79FC7



333399



634C63



E3E3E3



636363

Same Dimension

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



993399



C728C7



993366



4D454D



8C008C



0D000D

Inverse Universe

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



993399



C728C7



339966



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 993399 looks on a white background.

Color Contrast Check

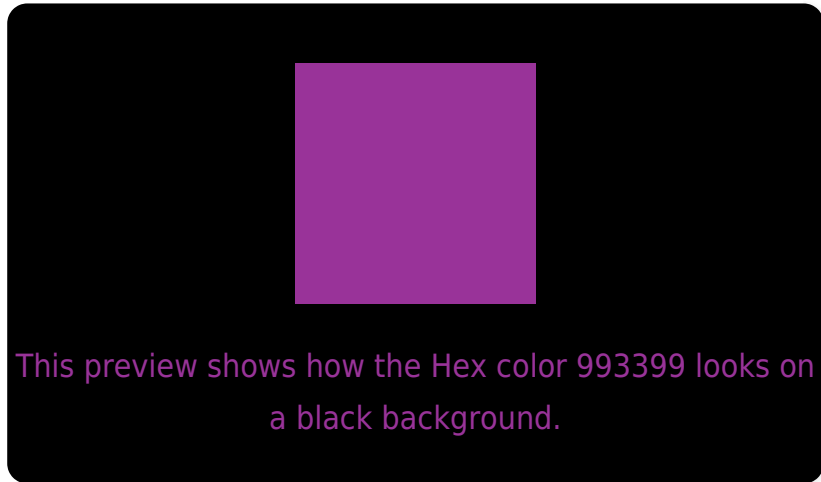
Large Text (above 18pt) WCAG AA ✓ Pass

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

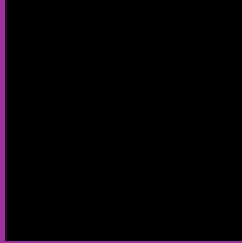
Any Text WCAG AA × Fail

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 993399 Background



This preview shows how black text looks on a background with the Hex color 993399.

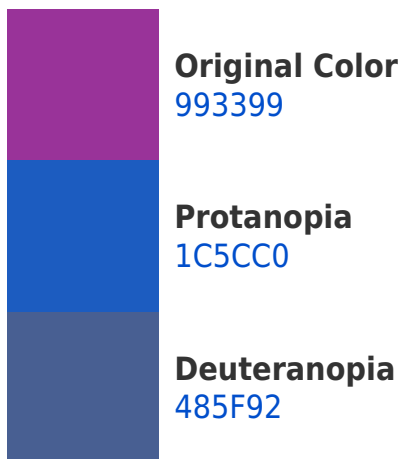


This preview shows how white text looks on a background with the Hex color 993399.

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
914A4F

Trichromacy



Original Color
993399



Protanomaly
494DB2



Deuteranomaly
654F95



Tritanomaly
94426A

Monochromacy



Original Color
993399



Achromatopsia
5D5D5D



Achromatomaly
734E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 993399 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 #993399 looks like.

```
.text, #text, p{  
    color:#993399  
}
```

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 #993399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993399
}
```

Border

The CSS property to change the border of an element to Hex 993399 is called "border". The border property can be set on classes, ids or directly on the HTML element.

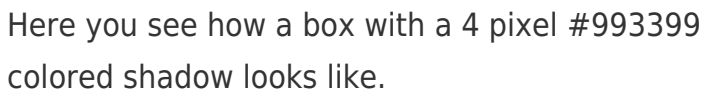
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#993399 }
```

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

```
.border{ border-color:#993399 }
```

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



Here you see how a box with a 4 pixel #993399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993399; -webkit-box-shadow:4px 4px  
4px 4px #993399; box-shadow:4px 4px 4px  
4px #993399 }
```

Background

The CSS property to change the background color of an element to Hex 993399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993399 }
```

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

```
.background{ background-color:#993399 }
```

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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