

# Converting Colors

Hex(993188)

Have a look what the booklet for  
Hex(993188) contains.

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# Color

**Hex(993188)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	993188
RGB	153, 49, 136
RGB Percent	60%, 19%, 53%
CMY	0.4000, 0.8078, 0.4667
CMYK	0.00, 0.68, 0.11, 0.40
HSL	310°, 51%, 40%
HSV	310°, 68%, 60%
XYZ	18.6791, 10.7465, 24.3823
YIQ	90.0140, 34.0570, 49.1050

# Conversions

## Conversions Part 2

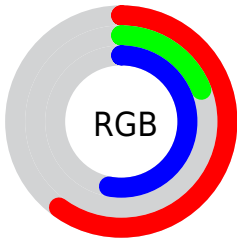
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 49, 136
Decimal	10039688
CIE <sub>Lab</sub>	39.15, 52.98, -26.36
CIE <sub>LCh</sub>	39, 59.179, 333.544
Yxy	10.7465, 0.3471, 0.1997
Android (android.graphics.Color)	4288229768 (0xFF993188)
<b>YUV</b>	90.0140, 22.6711, 55.2387
Hunter-Lab	32.7819, 44.3411, -21.1511

# Details

The Hex color **993188** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **319942**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **D267BE**, and **620056** is the 20% darker color. If you saturate the color by 10%, you get **992285**, and if you desaturate by 10%, it is **99408B**.

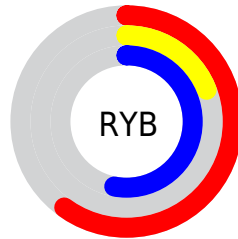
# Distribution



Red (60%)

Green (19%)

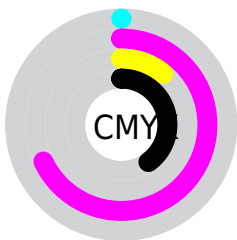
Blue (53%)



Red (60%)

Yellow (19%)

Blue (53%)

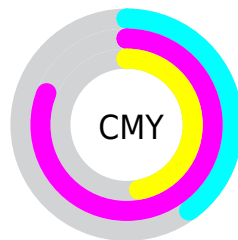


Cyan (0%)

Magenta (68%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (81%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 993188 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 993188 by changing the saturation by 10% instead.



 993188

 993188

FFFFFF

 7D106E

 D267BE

 620056

 EF83DA

 48003E

 FF9EF6

 310028

 FFBAFF

 070011

 FFD7FF

 000000

 FFF4FF

 993188

 993188

 992285

 99408B

991283

99508D

990380

995F90

990080

996E92

997E95

998D97

999C9A

99AB9C

99BB9F

# Harmonies

## Analogous

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



604CAD



993188



AF1E59

# Triad

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



993188



6B5C00



007191

# Complementary

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



993188



319942

# 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.



007161



993188



396800

# Square

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



993188



914900



006E2E



006CB3

# Rectangle

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



993188



AE2739



006E2E



007182



# Sweetspot

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



993188



C79FC0



413199



634C60



E3E3E3



636363



# Same Dimension

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



993188



C724AC



993155



4D454B



8C0075



0D000B



# Inverse Universe

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



993188



C724AC



319975



4D454B



8C0075



0D000B



# Previews

## White Background



This preview shows how the Hex color 993188 looks on a white background.

## Color Contrast Check

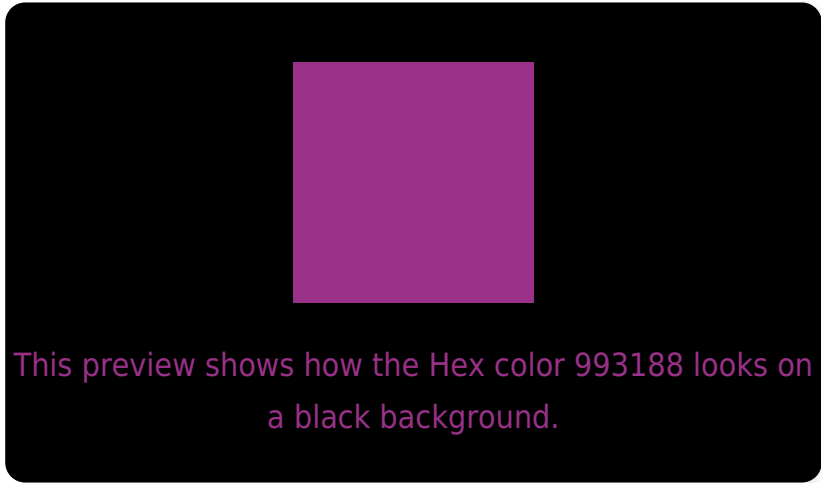
Large Text (above 18pt) WCAG AA ✓ Pass

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

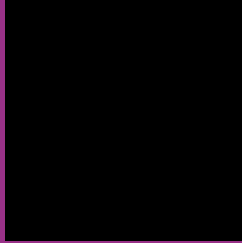
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 993188 Background



This preview shows how black text looks on a background with the Hex color 993188.




This preview shows how white text looks on a background with the Hex color 993188.

# 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**  
934449

# Trichromacy



**Original Color**  
993188



**Protanomaly**  
594B9F



**Deuteranomaly**  
6B4C84



**Tritanomaly**  
953D60

# Monochromacy



**Original Color**  
993188



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
714B6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 993188 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 #993188 looks like.

```
.text, #text, p{  
    color:#993188  
}
```

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 #993188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #993188  
}
```

## Border

The CSS property to change the border of an element to Hex 993188 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".

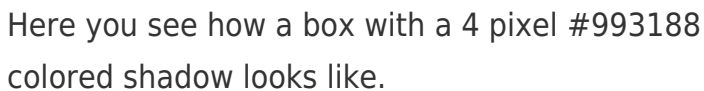
```
.border, #border, table{ border:4px solid  
#993188 }
```

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

```
.border{ border-color:#993188 }
```

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

Here you see how a box with a 4 pixel #993188 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #993188; -webkit-box-shadow:4px 4px  
4px 4px #993188; box-shadow:4px 4px 4px  
4px #993188 }
```

# Background

The CSS property to change the background color of an element to Hex 993188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#993188 }
```

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

```
.background{ background-color:#993188 }
```

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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