

# Converting Colors

Hex(99008E)

Have a look what the booklet for  
Hex(99008E) contains.

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**Color**

**Hex(99008E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99008E
RGB	153, 0, 142
RGB Percent	60%, 0%, 56%
CMY	0.4000, 1.0000, 0.4431
CMYK	0.00, 1.00, 0.07, 0.40
HSL	304°, 100%, 30%
HSV	304°, 100%, 60%
XYZ	18.0194, 8.7253, 26.3256
YIQ	61.9350, 45.6060, 76.5980

# Conversions

## Conversions Part 2

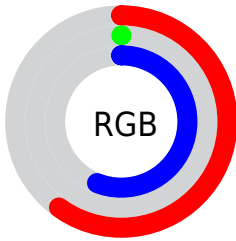
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 0, 142
Decimal	10027150
CIE <sub>Lab</sub>	35.45, 65.47, -35.89
CIE <sub>LCh</sub>	35, 74.660, 331.269
Yxy	8.7253, 0.3395, 0.1644
Android (android.graphics.Color)	4288217230 (0xFF99008E)
YUV	61.9350, 39.4720, 79.8640
Hunter-Lab	29.5386, 57.1972, -32.1638

# Details

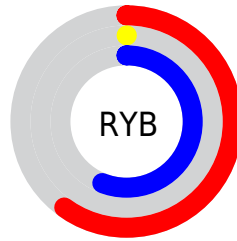
The Hex color **99008E** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **00990B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D34FC4**, and **61005B** is the 20% darker color. If you saturate the color by 10%, you get **99008E**, and if you desaturate by 10%, it is **990F8F**.

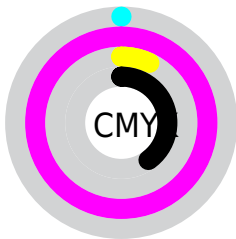
# Distribution



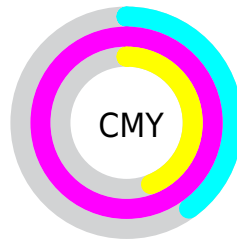
- Red (60%)
- Green (0%)
- Blue (56%)



- Red (60%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (7%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99008E 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 99008E by changing the saturation by 10% instead.



 99008E

 99008E

FFFFFF

 7D0074

 D34FC4

 61005B

 F16BE0

 460043

 FF88FD

 2C002C

 FFA4FF

 000016

 FFC1FF

 000000

 FFDEFF

 FFFCFF

 99008E

 990F8F

 991F90

 992E91

 993D92

 994D94

 995C95

 996B96

 997A97

 998A98

# Harmonies

## Analogous

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



4641BC



99008E



B50054

# Triad

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



99008E



645200



006B91

# Complementary

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



99008E



00990B

# 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.



006A54



99008E



236100

# Square

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



99008E



923700



006710



0068BE

# Rectangle

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



99008E



B5002D



006710



006B7E



# Sweetspot

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



99008E



C78BC3



0A0099



634061



E3E3E3



636363



# Same Dimension

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



99008E



C700B9



990042



4D454C



8C0082



0D000C



# Inverse Universe

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



99008E



C700B9



009957



4D454C



8C0082



0D000C



# Previews

## White Background



This preview shows how the Hex color 99008E looks on a white background.

## Color Contrast Check

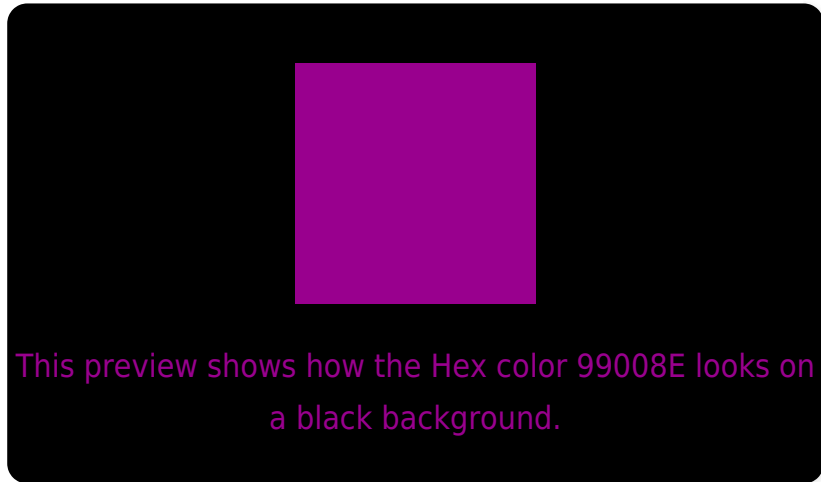
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

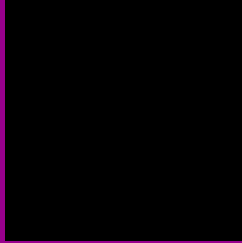
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 99008E Background



This preview shows how black text looks on a background with the Hex color 99008E.



This preview shows how white text looks on a background with the Hex color 99008E.

# 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**  
91383B

# Trichromacy



**Original Color**  
99008E



**Protanomaly**  
3835A4



**Deuteranomaly**  
5F3788



**Tritanomaly**  
942459

# Monochromacy



**Original Color**  
99008E



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
5F275B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99008E 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 #99008E looks like.

```
.text, #text, p{  
  color:#99008E  
}
```

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 #99008E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99008E
}
```

## Border

The CSS property to change the border of an element to Hex 99008E is called "border". The border property can be set on classes, ids or directly on the HTML element.

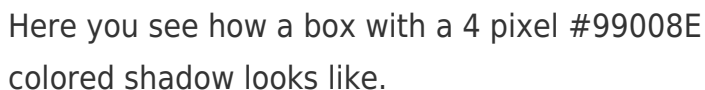
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99008E }
```

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

```
.border{ border-color:#99008E }
```

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



Here you see how a box with a 4 pixel #99008E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99008E; -webkit-box-shadow:4px 4px  
4px 4px #99008E; box-shadow:4px 4px 4px  
4px #99008E }
```

# Background

The CSS property to change the background color of an element to Hex 99008E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99008E }
```

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

```
.background{ background-color:#99008E }
```

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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