

# Converting Colors

Hex(99005C)

Have a look what the booklet for  
Hex(99005C) contains.

<b>Hex(99005C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(99005C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99005C
RGB	153, 0, 92
RGB Percent	60%, 0%, 36%
CMY	0.4000, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.40, 0.40
HSL	324°, 100%, 30%
HSV	324°, 100%, 60%
XYZ	15.0686, 7.5450, 10.7873
YIQ	56.2350, 61.6560, 61.0480

# Conversions

## Conversions Part 2

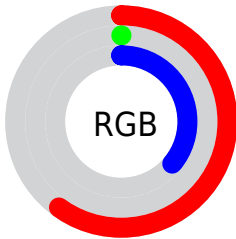
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	153, 0, 92
Decimal	10027100
CIE Lab	33.02, 59.33, -8.03
CIE LCh	33, 59.875, 352.290
Yxy	7.5450, 0.4511, 0.2259
Android (android.graphics.Color)	4288217180 (0xFF99005C)
YUV	56.2350, 17.6321, 84.8629
Hunter-Lab	27.4682, 49.8531, -4.0567

# Details

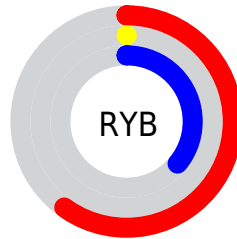
The Hex color **99005C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00993D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D44C8E**, and **60002E** is the 20% darker color. If you saturate the color by 10%, you get **99005C**, and if you desaturate by 10%, it is **990F62**.

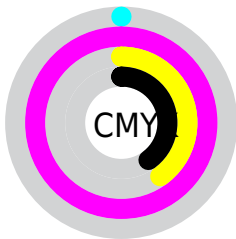
# Distribution



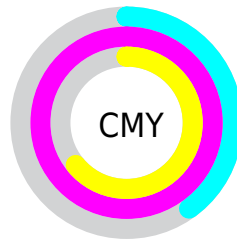
- Red (60%)
- Green (0%)
- Blue (36%)



- Red (60%)
- Yellow (0%)
- Blue (36%)



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



- Cyan (40%)
- Magenta (100%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99005C 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 99005C by changing the saturation by 10% instead.



 99005C

 99005C

FFFFFF

 7C0044

 D44C8E

 60002E

 F268A9

 45001A

 FF84C4

 2A0001

 FFA0E0

 000000

 FFBDFC

 FFDAFF

 FFF7FF

 99005C

 990F62

 991F68

 992E6E

 993D74

 994D7A

 995C81

 996B87

 997A8D

 998A93

# Harmonies

## Analogous

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



792B88



99005C



9D0A2D

# Triad

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



99005C



3E5600



005F99

# Complementary

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



99005C



00993D

# 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.



006170



99005C



005D07

# Square

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



99005C



6A4700



00603F



0058AD

# Rectangle

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



99005C



92260D



00603F



00608D



# Sweetspot

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



99005C



C78BAF



3B0099



634055



E3E3E3



636363



# Same Dimension

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



99005C



C70078



990012



4D4549



8C0054



0D0008



# Inverse Universe

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



99005C



C70078



009987



4D4549



8C0054



0D0008



# Previews

## White Background



This preview shows how the Hex color 99005C looks on a white background.

## Color Contrast Check

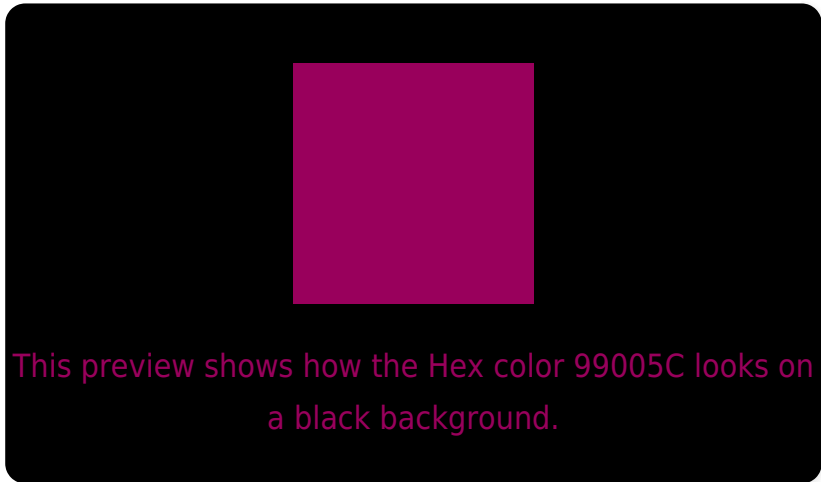
Large Text (above 18pt) WCAG AA ✓ Pass

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 99005C Background



This preview shows how black text looks on a background with the Hex color 99005C.



This preview shows how white text looks on a background with the Hex color 99005C.

# 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





# Trichromacy



**Original Color**  
99005C

**Protanomaly**  
5E3275

**Deuteranomaly**  
6E3258

**Tritanomaly**  
971739

# Monochromacy



**Original Color**  
99005C

**Achromatopsia**  
383838

**Achromatomaly**  
5B2445

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99005C 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 #99005C looks like.

```
.text, #text, p{  
    color:#99005C  
}
```

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 #99005C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99005C
}
```

## Border

The CSS property to change the border of an element to Hex 99005C is called "border". The border property can be set on classes, ids or directly on the HTML element.

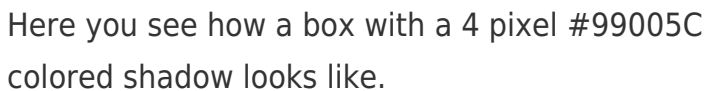
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99005C }
```

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

```
.border{ border-color:#99005C }
```

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



Here you see how a box with a 4 pixel #99005C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99005C; -webkit-box-shadow:4px 4px  
4px 4px #99005C; box-shadow:4px 4px 4px  
4px #99005C }
```

# Background

The CSS property to change the background color of an element to Hex 99005C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99005C }
```

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

```
.background{ background-color:#99005C }
```

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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