

Converting Colors

Hex(99003F)

Have a look what the booklet for
Hex(99003F) contains.

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Color

Hex(99003F)

Conversions

Conversions Part 1

Format	Color
Hex	99003F
RGB	153, 0, 63
RGB Percent	60%, 0%, 25%
CMY	0.4000, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.59, 0.40
HSL	335°, 100%, 30%
HSV	335°, 100%, 60%
XYZ	14.0341, 7.1312, 5.3394
YIQ	52.9290, 70.9650, 52.0290

Conversions

Conversions Part 2

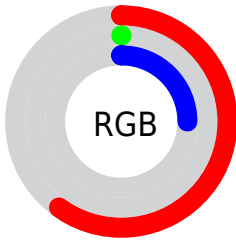
Format	Color
R_YB	153, 0, 63
Decimal	10027071
CIE Lab	32.10, 56.93, 9.73
CIE LCh	32, 57.755, 9.701
Yxy	7.1312, 0.5295, 0.2691
Android (android.graphics.Color)	4288217151 (0xFF99003F)
YUV	52.9290, 4.9650, 87.7623
Hunter-Lab	26.7043, 47.0758, 6.8382

Details

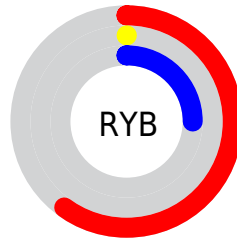
The Hex color **99003F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00995A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D54B6E**, and **5F0015** is the 20% darker color. If you saturate the color by 10%, you get **99003F**, and if you desaturate by 10%, it is **990F48**.

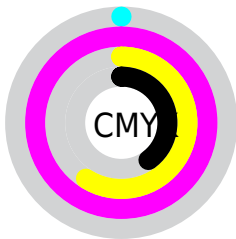
Distribution



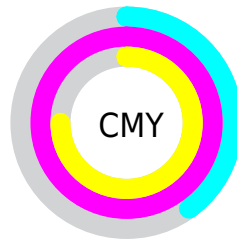
- Red (60%)
- Green (0%)
- Blue (25%)



- Red (60%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99003F 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 99003F by changing the saturation by 10% instead.

 99003F

 99003F

FFFFFF

 7C0029

 D54B6E

 5F0015

 F46787

 440002

 FF82A2

 250001

 FF9EBD

 000000

 FFBBD8

 FFD8F5

 FFF5FF

 99003F

 990F48

 991F51

 992E5A

 993D63

 994D6C

 995C75

 996B7E

 997A87

 998A90

Harmonies

Analogous

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



8B166C



99003F



902312

Triad

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



99003F



175800



0059A2

Complementary

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



99003F



00995A

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.



005E85



99003F



005D2A

Square

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



99003F



504E00



005F5A



004DA6

Rectangle

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



99003F



803600



005F5A



005B9A

Sweetspot

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



99003F



C78BA4



590099



63404E



E3E3E3



636363

Same Dimension

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



99003F



C70052



990D00



4D4548



8C003A



0D0005

Inverse Universe

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



99003F



C70052



008C99



4D4548



8C003A



0D0005

Previews

White Background



This preview shows how the Hex color 99003F looks on a white background.

Color Contrast Check

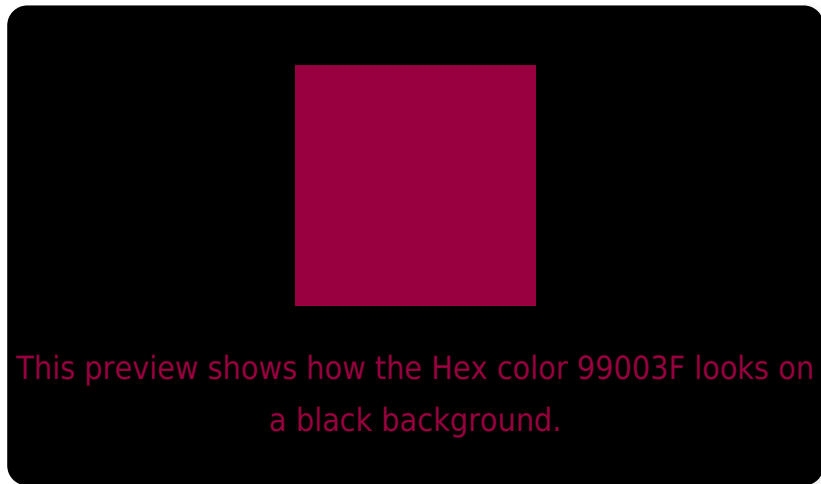
Large Text (above 18pt) WCAG AA ✓ Pass

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 99003F Background



This preview shows how black text looks on a background with the Hex color 99003F.

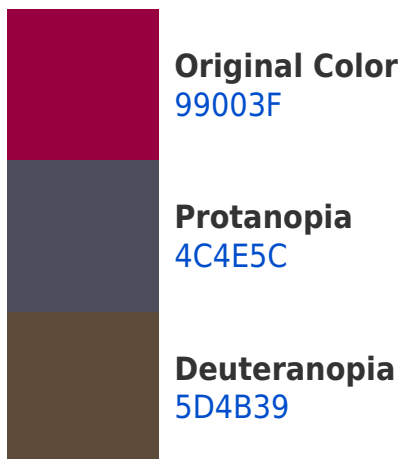


This preview shows how white text looks on a background with the Hex color 99003F.

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
981918

Trichromacy



Original Color
99003F

Protanomaly
683251

Deuteranomaly
73303B

Tritanomaly
981026

Monochromacy



Original Color
99003F

Achromatopsia
353535

Achromatomaly
592239

CSS Examples

Text

The CSS property to change the color of the text to Hex 99003F 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 #99003F looks like.

```
.text, #text, p{  
    color:#99003F  
}
```

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 #99003F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99003F
}
```

Border

The CSS property to change the border of an element to Hex 99003F is called "border". The border property can be set on classes, ids or directly on the HTML element.

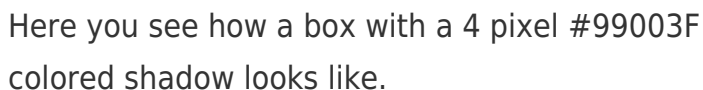
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99003F }
```

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

```
.border{ border-color:#99003F }
```

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



Here you see how a box with a 4 pixel #99003F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99003F; -webkit-box-shadow:4px 4px  
4px 4px #99003F; box-shadow:4px 4px 4px  
4px #99003F }
```

Background

The CSS property to change the background color of an element to Hex 99003F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99003F }
```

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

```
.background{ background-color:#99003F }
```

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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