

Converting Colors

Hex(99003D)

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

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Color

Hex(99003D)

Conversions

Conversions Part 1

Format	Color
Hex	99003D
RGB	153, 0, 61
RGB Percent	60%, 0%, 24%
CMY	0.4000, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.60, 0.40
HSL	336°, 100%, 30%
HSV	336°, 100%, 60%
XYZ	13.9792, 7.1092, 5.0503
YIQ	52.7010, 71.6070, 51.4070

Conversions

Conversions Part 2

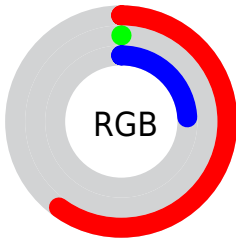
Format	Color
R_{YB}	153, 0, 61
Decimal	10027069
CIE Lab	32.05, 56.80, 10.99
CIE LCh	32, 57.851, 10.954
Yxy	7.1092, 0.5348, 0.2720
Android (android.graphics.Color)	4288217149 (0xFF99003D)
YUV	52.7010, 4.0914, 87.9622
Hunter-Lab	26.6631, 46.9250, 7.4340

Details

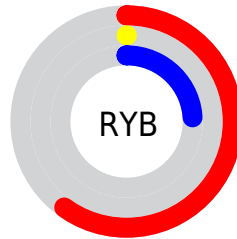
The Hex color **99003D** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00995C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **D54A6C**, and **5E0013** is the 20% darker color. If you saturate the color by 10%, you get **99003D**, and if you desaturate by 10%, it is **990F46**.

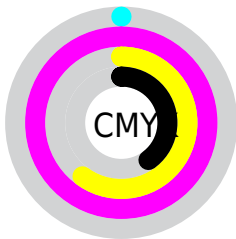
Distribution



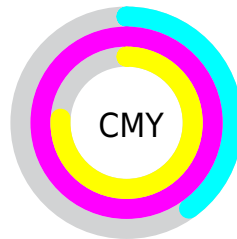
- Red (60%)
- Green (0%)
- Blue (24%)



- Red (60%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

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

 99003D

 99003D

FFFFFF

 7C0028

 D54A6C

 5E0013

 F46685

 430002

 FF829F

 240001

 FF9EBA

 000000

 FFBBD6

 FFD8F2

 FFF5FF

 99003D

 990F46

 991F4F

 992E59

 993D62

 994D6B

 995C74

 996B7D

 997A87

 998A90

Harmonies

Analogous

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



8C146A



99003D



8F2410

Triad

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



99003D



125800



0059A2

Complementary

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



99003D



00995C

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.



005E87



99003D



005D2B

Square

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



99003D



4E4F00



005E5C



004CA6

Rectangle

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



99003D



7E3700



005E5C



005B9B

Sweetspot

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



99003D



C78BA3



5C0099



63404E



E3E3E3



636363

Same Dimension

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



99003D



C7004F



990F00



4D4548



8C0038



0D0005

Inverse Universe

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



99003D



C7004F



008A99



4D4548



8C0038



0D0005

Previews

White Background



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

Color Contrast Check

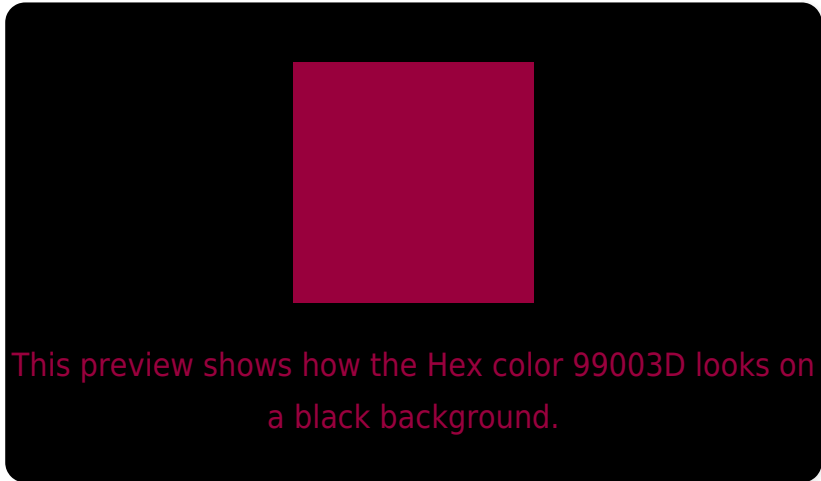
Large Text (above 18pt) WCAG AA ✓ Pass

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 99003D Background



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

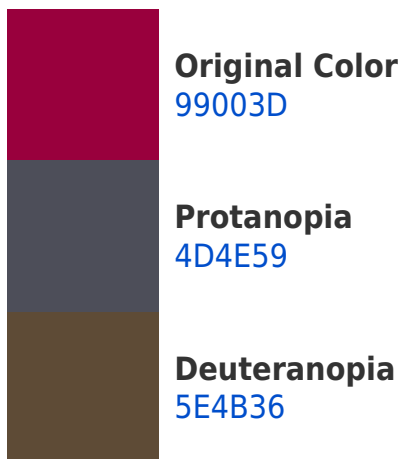


This preview shows how white text looks on a background with the Hex color 99003D.

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](#).

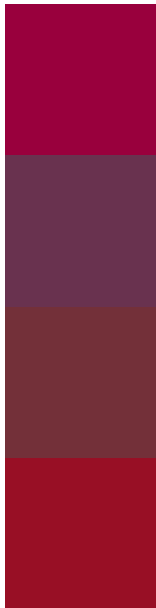
Dichromacy





Tritanopia
981817

Trichromacy



Original Color
99003D

Protanomaly
69324F

Deuteranomaly
733039

Tritanomaly
980F25

Monochromacy



Original Color
99003D

Achromatopsia
353535

Achromatomaly
592238

CSS Examples

Text

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

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

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 #99003D colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 99003D 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".

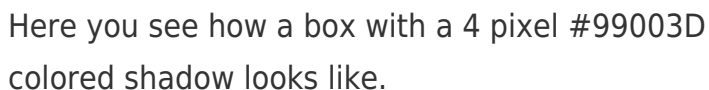
```
.border, #border, table{ border:4px solid
#99003D }
```

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

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

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

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

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4-pixel offset to the right and bottom of the box.

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

Background

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

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

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

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

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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