

Converting Colors

Hex(99006A)

Have a look what the booklet for
Hex(99006A) contains.

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Color

Hex(99006A)

Conversions

Conversions Part 1

Format	Color
Hex	99006A
RGB	153, 0, 106
RGB Percent	60%, 0%, 42%
CMY	0.4000, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.31, 0.40
HSL	318°, 100%, 30%
HSV	318°, 100%, 60%
XYZ	15.7384, 7.8129, 14.3142
YIQ	57.8310, 57.1620, 65.4020

Conversions

Conversions Part 2

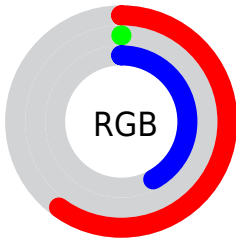
Format	Color
R_{YB}	153, 0, 106
Decimal	10027114
CIE _{Lab}	33.59, 60.81, -16.19
CIE _{LCh}	34, 62.933, 345.088
Yxy	7.8129, 0.4156, 0.2063
Android (android.graphics.Color)	4288217194 (0xFF99006A)
YUV	57.8310, 23.7473, 83.4632
Hunter-Lab	27.9516, 51.5907, -10.7967

Details

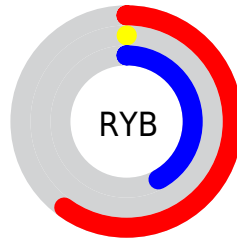
The Hex color **99006A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00992F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **D34D9D**, and **61003B** is the 20% darker color. If you saturate the color by 10%, you get **99006A**, and if you desaturate by 10%, it is **990F6F**.

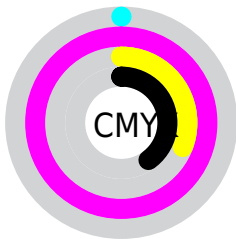
Distribution



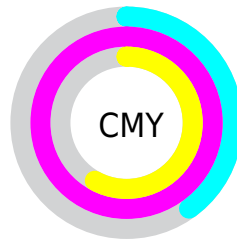
- Red (60%)
- Green (0%)
- Blue (42%)



- Red (60%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99006A 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 99006A by changing the saturation by 10% instead.

 99006A

 99006A

FFFFFF

 7D0052

 D34D9D

 61003B

 F169B8

 460025

 FF85D4

 2B000E

 FFA1F0

 000000

 FFBEFF

 FFDBFF

 FFF8FF

 99006A

■ 990F6F

■ 991F73

■ 992E78

■ 993D7D

■ 994D82

■ 995C86

■ 996B8B

■ 997A90

■ 998A94

Harmonies

Analogous

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



6E3296



99006A



A30039

Triad

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



99006A



4A5500



006295

Complementary

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



99006A



00992F

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.



006468



99006A



005E00

Square

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



99006A



754400



006233



005CB1

Rectangle

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



99006A



9C1918



006233



006388

Sweetspot

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



99006A



C78BB5



2E0099



634058



E3E3E3



636363

Same Dimension

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



99006A



C7008A



99001F



4D454A



8C0061



0D0009

Inverse Universe

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



99006A



C7008A



00997A



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 99006A looks on a white background.

Color Contrast Check

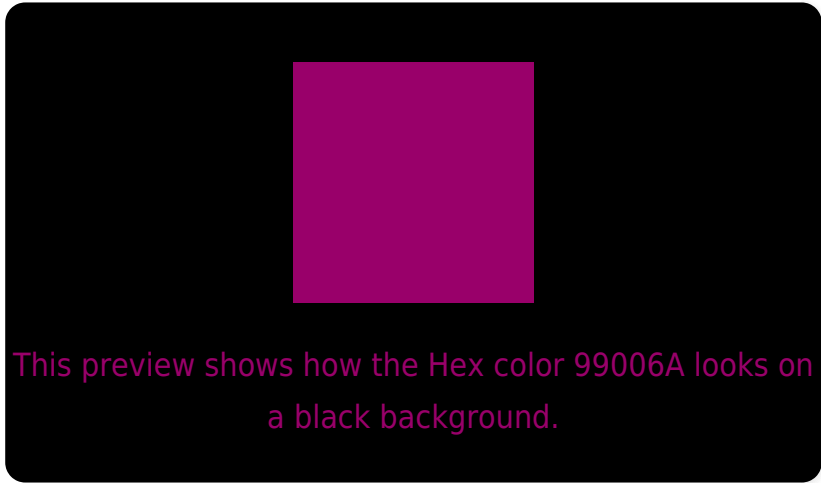
Large Text (above 18pt) WCAG AA ✓ Pass

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

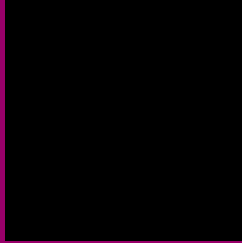
Any Text WCAG AA × Fail

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 99006A Background



This preview shows how black text looks on a background with the Hex color 99006A.

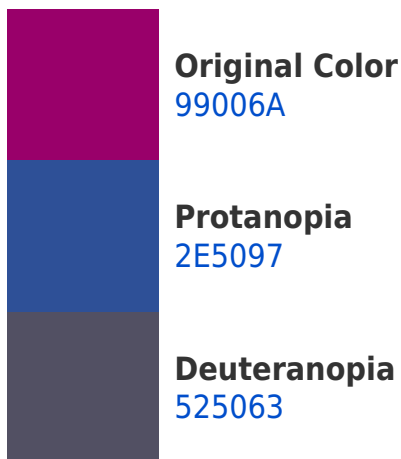


This preview shows how white text looks on a background with the Hex color 99006A.

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
99006A

Protanomaly
553387

Deuteranomaly
6C3366

Tritanomaly
961B43

Monochromacy



Original Color
99006A

Achromatopsia
3A3A3A

Achromatomaly
5D254B

CSS Examples

Text

The CSS property to change the color of the text to Hex 99006A 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 #99006A looks like.

```
.text, #text, p{  
    color:#99006A  
}
```

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 #99006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99006A
}
```

Border

The CSS property to change the border of an element to Hex 99006A 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".

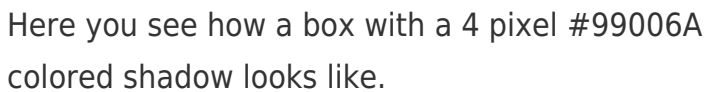
```
.border, #border, table{ border:4px solid
#99006A }
```

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

```
.border{ border-color:#99006A }
```

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

Here you see how a box with a 4 pixel #99006A colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset in all directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99006A; -webkit-box-shadow:4px 4px  
4px 4px #99006A; box-shadow:4px 4px 4px  
4px #99006A }
```

Background

The CSS property to change the background color of an element to Hex 99006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99006A }
```

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

```
.background{ background-color:#99006A }
```

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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