

Converting Colors

Hex(98006A)

Have a look what the booklet for
Hex(98006A) contains.

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Color

Hex(98006A)

Conversions

Conversions Part 1

Format	Color
Hex	98006A
RGB	152, 0, 106
RGB Percent	60%, 0%, 42%
CMY	0.4039, 1.0000, 0.5843
CMYK	0.00, 1.00, 0.30, 0.40
HSL	318°, 100%, 30%
HSV	318°, 100%, 60%
XYZ	15.5504, 7.7160, 14.3054
YIQ	57.5320, 56.5660, 65.1900

Conversions

Conversions Part 2

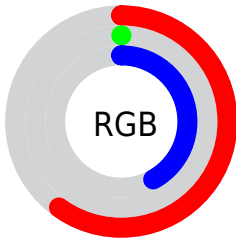
Format	Color
R_{YB}	152, 0, 106
Decimal	9961578
CIE _{Lab}	33.38, 60.60, -16.53
CIE _{LCh}	33, 62.817, 344.744
Yxy	7.7160, 0.4139, 0.2054
Android (android.graphics.Color)	4288151658 (0xFF98006A)
YUV	57.5320, 23.8947, 82.8484
Hunter-Lab	27.7777, 51.3162, -11.0897

Details

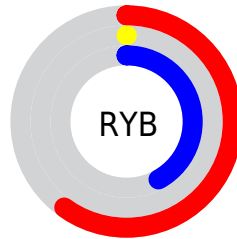
The Hex color **98006A** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **00982E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D24C9D**, and **60003B** is the 20% darker color. If you saturate the color by 10%, you get **98006A**, and if you desaturate by 10%, it is **980F6F**.

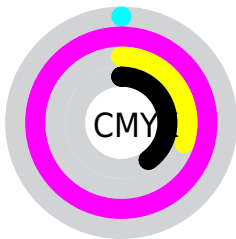
Distribution



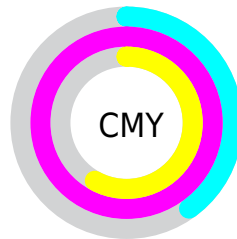
- Red (60%)
- Green (0%)
- Blue (42%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 98006A 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 98006A by changing the saturation by 10% instead.

 98006A

 98006A

FFFFFF

 7C0052

 D24C9D

 60003B

 F069B8

 450025

 FF85D4

 2A000E

 FFA1F0

 000000

 FFBDFD

 FFDFFF

 FFF8FF

 98006A

■ 980F6F

■ 981E73

■ 982E78

■ 983D7C

■ 984C81

■ 985B86

■ 986A8A

■ 987A8F

■ 988993

Harmonies

Analogous

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



6D3296



98006A



A20039

Triad

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



98006A



4B5400



006294

Complementary

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



98006A



00982E

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.



006367



98006A



005D00

Square

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



98006A



754300



006132



005CB0

Rectangle

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



98006A



9B1818



006132



006387

Sweetspot

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



98006A



C489B3



2E0098



634059



E3E3E3



636363

Same Dimension

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



98006A



C40089



98001E



4D454A



8C0062



0D0009

Inverse Universe

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



98006A



C40089



00987A



4D454A



8C0062



0D0009

Previews

White Background



This preview shows how the Hex color 98006A looks on a white background.

Color Contrast Check

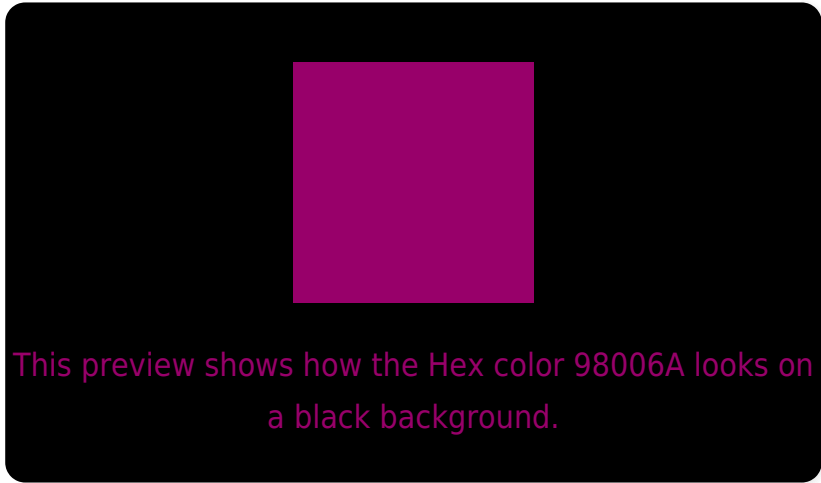
Large Text (above 18pt) WCAG AA ✓ Pass

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

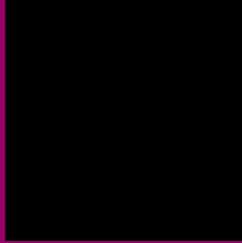
Any Text WCAG AA × Fail

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 98006A Background



This preview shows how black text looks on a background with the Hex color 98006A.

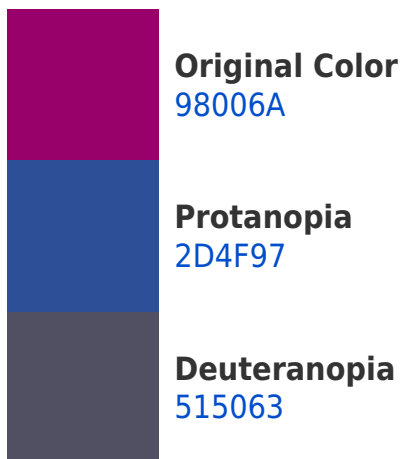


This preview shows how white text looks on a background with the Hex color 98006A.

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
942A2C

Trichromacy



Original Color
98006A

Protanomaly
543287

Deuteranomaly
6B3366

Tritanomaly
951B43

Monochromacy



Original Color
98006A

Achromatopsia
3A3A3A

Achromatomaly
5C254B

CSS Examples

Text

The CSS property to change the color of the text to Hex 98006A 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 #98006A looks like.

```
.text, #text, p{  
  color:#98006A  
}
```

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 #98006A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98006A
}
```

Border

The CSS property to change the border of an element to Hex 98006A is called "border". The border property can be set on classes, ids or directly on the HTML element.

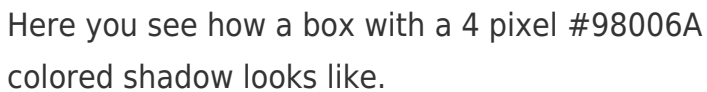
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98006A }
```

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

```
.border{ border-color:#98006A }
```

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



Here you see how a box with a 4 pixel #98006A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98006A; -webkit-box-shadow:4px 4px  
4px 4px #98006A; box-shadow:4px 4px 4px  
4px #98006A }
```

Background

The CSS property to change the background color of an element to Hex 98006A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98006A }
```

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

```
.background{ background-color:#98006A }
```

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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