

Converting Colors

Hex(98002F)

Have a look what the booklet for
Hex(98002F) contains.

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Color

Hex(98002F)

Conversions

Conversions Part 1

Format	Color
Hex	98002F
RGB	152, 0, 47
RGB Percent	60%, 0%, 18%
CMY	0.4039, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.69, 0.40
HSL	341°, 100%, 30%
HSV	341°, 100%, 60%
XYZ	13.4620, 6.8806, 3.3079
YIQ	50.8060, 75.5050, 46.8410

Conversions

Conversions Part 2

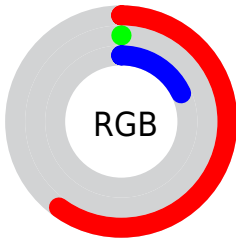
Format	Color
R_{YB}	152, 0, 47
Decimal	9961519
CIE _{Lab}	31.53, 55.75, 19.55
CIE _{LCh}	32, 59.073, 19.324
Yxy	6.8806, 0.5692, 0.2909
Android (android.graphics.Color)	4288151599 (0xFF98002F)
YUV	50.8060, -1.8764, 88.7471
Hunter-Lab	26.2310, 45.7037, 10.8848

Details

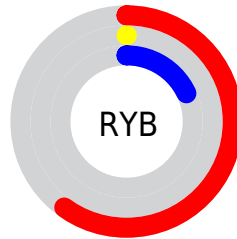
The Hex color **98002F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **009869**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **D54A5D**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **98002F**, and if you desaturate by 10%, it is **980F3A**.

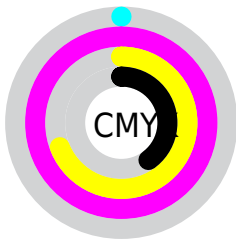
Distribution



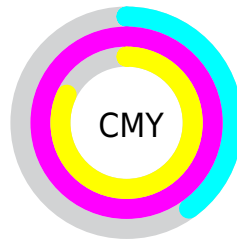
- Red (60%)
- Green (0%)
- Blue (18%)



- Red (60%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (69%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98002F 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 98002F by changing the saturation by 10% instead.

 98002F

 98002F

FFFFFF

 7A001B

 D54A5D

 5D0000

 F46675

 410002

 FF818F

 210001

 FF9DA9

 000000

 FFBAC4

 FFD6E0

 FFF4FD

 98002F

 980F3A

 981E44

 982E4F

 983D59

 984C64

 985B6E

 986A79

 987A83

 98898E

Harmonies

Analogous

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



92005D



98002F



882A00

Triad

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



98002F



005900



0055A6

Complementary

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



98002F



009869

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.



005C90



98002F



005C37

Square

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



98002F



405100



005D68



0046A3

Rectangle

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



98002F



753B00



005D68



0058A2

Sweetspot

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



98002F



C4899C



680098



63404B



E3E3E3



636363

Same Dimension

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



98002F



C4003D



981C00



4D4547



8C002B



0D0004

Inverse Universe

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



98002F



C4003D



007C98



4D4547



8C002B



0D0004

Previews

White Background



This preview shows how the Hex color 98002F looks on a white background.

Color Contrast Check

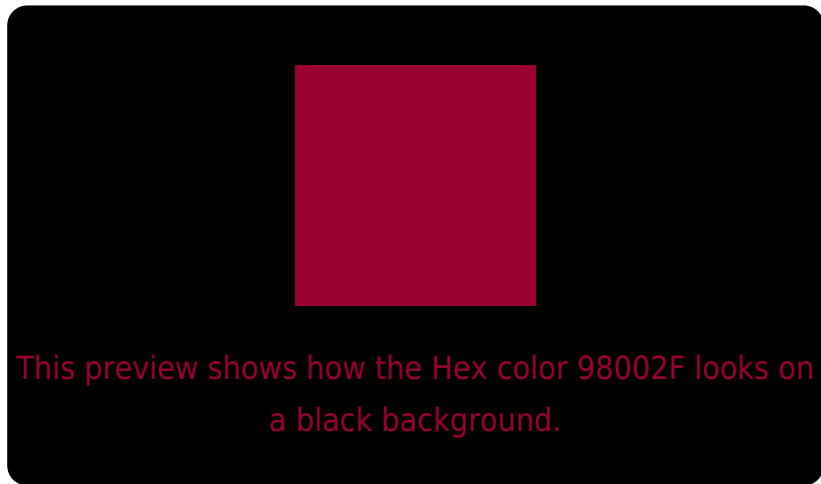
Large Text (above 18pt) WCAG AA ✓ Pass

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 98002F Background



This preview shows how black text looks on a background with the Hex color 98002F.

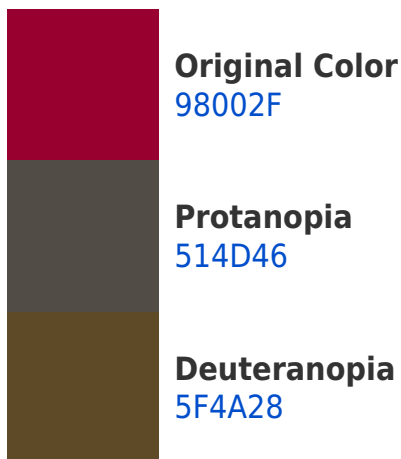


This preview shows how white text looks on a background with the Hex color 98002F.

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
98002F

Protanomaly
6B313E

Deuteranomaly
742F2B

Tritanomaly
970C1B

Monochromacy



Original Color
98002F

Achromatopsia
333333

Achromatomaly
582032

CSS Examples

Text

The CSS property to change the color of the text to Hex 98002F 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 #98002F looks like.

```
.text, #text, p{  
    color:#98002F  
}
```

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 #98002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98002F
}
```

Border

The CSS property to change the border of an element to Hex 98002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

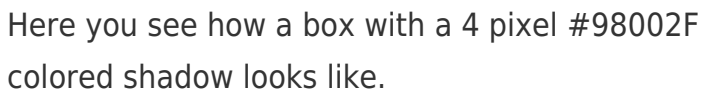
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98002F }
```

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

```
.border{ border-color:#98002F }
```

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



Here you see how a box with a 4 pixel #98002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98002F; -webkit-box-shadow:4px 4px  
4px 4px #98002F; box-shadow:4px 4px 4px  
4px #98002F }
```

Background

The CSS property to change the background color of an element to Hex 98002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98002F }
```

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

```
.background{ background-color:#98002F }
```

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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