

# Converting Colors

Hex(98305A)

Have a look what the booklet for  
Hex(98305A) contains.

|                                                |    |
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**Color**

**Hex(98305A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 98305A                    |
| RGB         | 152, 48, 90               |
| RGB Percent | 60%, 19%, 35%             |
| CMY         | 0.4039, 0.8118, 0.6471    |
| CMYK        | 0.00, 0.68, 0.41, 0.40    |
| HSL         | 336°, 52%, 39%            |
| HSV         | 336°, 68%, 60%            |
| XYZ         | 15.8513, 9.5275, 10.6764  |
| YIQ         | 83.8840, 48.5020, 35.1100 |

# Conversions

## Conversions Part 2

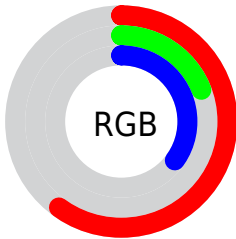
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 152, 48, 90                 |
| Decimal                             | 9973850                     |
| CIE <sub>Lab</sub>                  | 36.98, 46.85, -0.88         |
| CIE <sub>LCh</sub>                  | 37, 46.863, 358.925         |
| Yxy                                 | 9.5275, 0.4396,<br>0.2642   |
| Android<br>(android.graphics.Color) | 4288163930<br>(0xFF98305A)  |
| YUV                                 | 83.8840, 3.0152,<br>59.7377 |
| Hunter-Lab                          | 30.8666, 37.6506,<br>1.0990 |

# Details

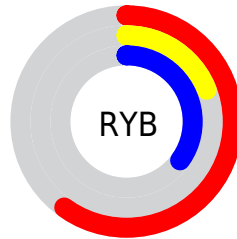
The Hex color **98305A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30986E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **D2658C**, and **60002D** is the 20% darker color. If you saturate the color by 10%, you get **982151**, and if you desaturate by 10%, it is **983F63**.

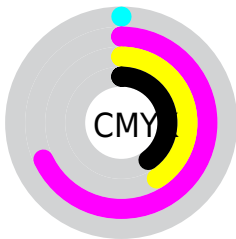
# Distribution



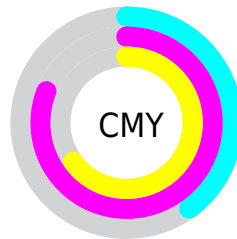
- Red (60%)
- Green (19%)
- Blue (35%)



- Red (60%)
- Yellow (19%)
- Blue (35%)



- Cyan (0%)
- Magenta (68%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98305A 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 98305A by changing the saturation by 10% instead.



 98305A

 98305A

FFFFFF

 7C1143

 D2658C

 60002D

 EF80A6

 450018

 FF9BC1

 2D0002

 FFB7DD

 000000

 FFD3FA

 FFF0FF

 98305A

 98305A

 982151

 983F63

 981248

 984E6C

 98023F

 985E75

 98003D

 986D7E

 987C87

 988B90

 989A99

 98AAA2

 98B9AC

# Harmonies

## Analogous

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



833C7F



98305A



983635

# Triad

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



98305A



455F09



006597

# Complementary

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



98305A



30986E

# 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.



00687B



98305A



00652E

# Square

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



98305A



6A5500



006854



005CA3

# Rectangle

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



98305A



8E401E



006854



00668F



# Sweetspot

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



98305A



C49BAC



6D3098



634B55



E3E3E3



636363



# Same Dimension

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



98305A



C42364



983930



4D4548



8C0039



0D0005



# Inverse Universe

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



98305A



C42364



308F98



4D4548



8C0039

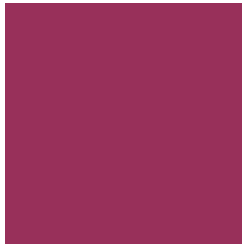


0D0005



# Previews

## White Background



This preview shows how the Hex color 98305A looks on a white background.

## Color Contrast Check

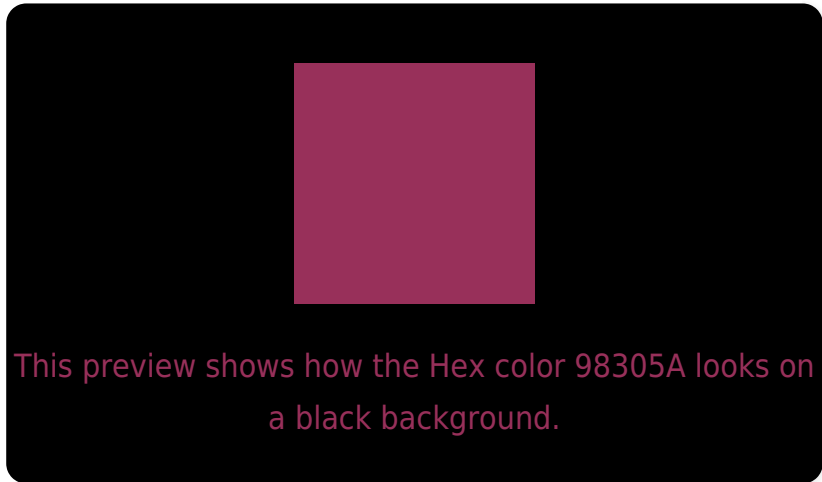
Large Text (above 18pt) WCAG AA ✓ Pass

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

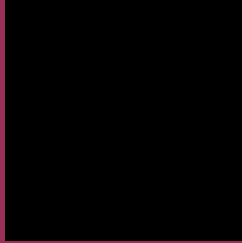
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 98305A Background



This preview shows how black text looks on a background with the Hex color 98305A.



This preview shows how white text looks on a background with the Hex color 98305A.

# 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



**Original Color**  
98305A

**Protanopia**  
515772

**Deuteranopia**  
625555



**Tritanopia**  
96373B

# Trichromacy



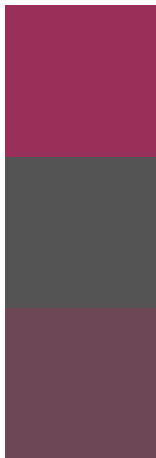
**Original Color**  
98305A

**Protanomaly**  
6B4969

**Deuteranomaly**  
764857

**Tritanomaly**  
973446

# Monochromacy



**Original Color**  
98305A

**Achromatopsia**  
545454

**Achromatomaly**  
6D4756

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98305A 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 #98305A looks like.

```
.text, #text, p{  
    color:#98305A  
}
```

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 #98305A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98305A
}
```

## Border

The CSS property to change the border of an element to Hex 98305A 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
#98305A }
```

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

```
.border{ border-color:#98305A }
```

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

Here you see how a box with a 4 pixel #98305A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98305A; -webkit-box-shadow:4px 4px  
4px 4px #98305A; box-shadow:4px 4px 4px  
4px #98305A }
```

# Background

The CSS property to change the background color of an element to Hex 98305A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98305A }
```

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

```
.background{ background-color:#98305A }
```

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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