

Converting Colors

Hex(98649B)

Have a look what the booklet for
Hex(98649B) contains.

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Color

Hex(98649B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 98649B |
| RGB | 152, 100, 155 |
| RGB Percent | 60%, 39%, 61% |
| CMY | 0.4039, 0.6078, 0.3922 |
| CMYK | 0.02, 0.35, 0.00, 0.39 |
| HSL | 297°, 22%, 50% |
| HSV | 297°, 35%, 61% |
| XYZ | 23.4225, 18.1563, 33.2804 |
| YIQ | 121.8180, 13.3370, 28.1290 |

Conversions

Conversions Part 2

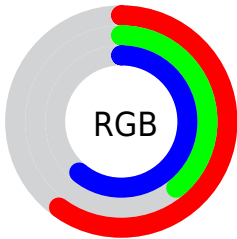
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 152, 100, 155 |
| Decimal | 9987227 |
| CIE _{Lab} | 49.69, 30.35, -21.47 |
| CIE _{LCh} | 50, 37.176, 324.720 |
| Yxy | 18.1563, 0.3129, 0.2425 |
| Android (android.graphics.Color) | 4288177307 (0xFF98649B) |
| YUV | 121.8180, 16.3587, 26.4696 |
| Hunter-Lab | 42.6102, 23.5520, -16.4808 |

Details

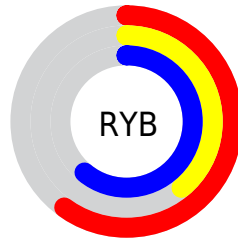
The Hex color **98649B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **679B64**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **CF98D2**, and **643468** is the 20% darker color. If you saturate the color by 10%, you get **97559B**, and if you desaturate by 10%, it is **99749B**.

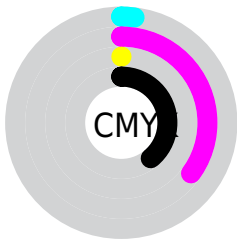
Distribution



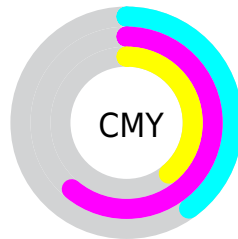
- Red (60%)
- Green (39%)
- Blue (61%)



- Red (60%)
- Yellow (39%)
- Blue (61%)



- Cyan (2%)
- Magenta (35%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (61%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98649B 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 98649B by changing the saturation by 10% instead.

98649B

98649B

FFFFFF

7E4B81

CF98D2

643468

ECB3EE

4B1C4F

FFCFFF

330438

FFEBFF

210023

000009

000000

98649B

98649B

97559B

99749B

96459B

9A839B

95369B

9B939B

95269B

9BA29B

94179B

9CB29B

93079B

9DC19B

93009B

9ED19B

9FE09B

A0F09B

Harmonies

Analogous

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



7070AF



98649B



AE5C7D

Triad

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



98649B



8E7236



008690

Complementary

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



98649B



679B64

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.



00866F



98649B



6F7C3B

Square

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



98649B



A56743



498350



0083A9

Rectangle

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



98649B



B25C68



498350



008685

Sweetspot

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



98649B



C8B3C9



64689B



655966



E6E6E6



666666

Same Dimension

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



98649B



C573C9



9B6483



4C454D



85008C



0C000D

Inverse Universe

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



9B6467



C97378



649B7C



4D4545



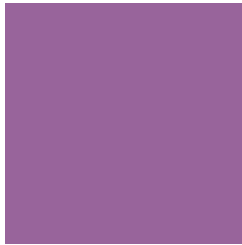
8C0008



0D0001

Previews

White Background



This preview shows how the Hex color 98649B looks on a white background.

Color Contrast Check

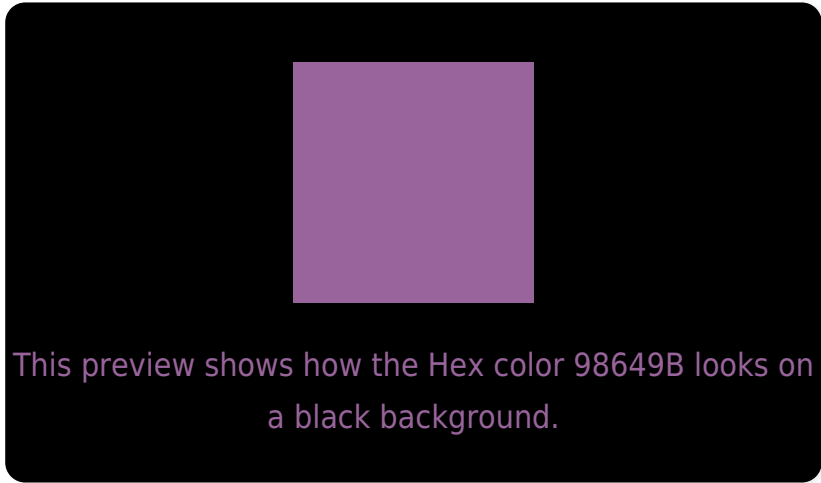
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

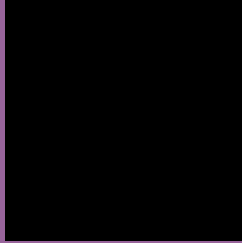
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 98649B Background



This preview shows how black text looks on a background with the Hex color 98649B.

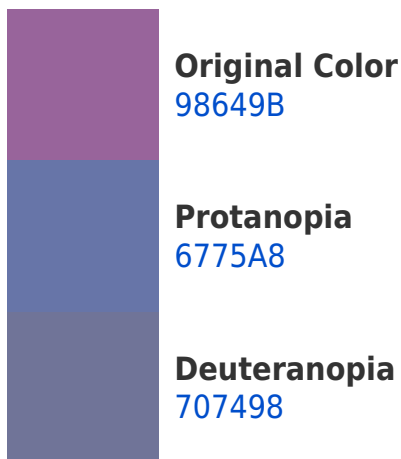



This preview shows how white text looks on a background with the Hex color 98649B.

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
936C74

Trichromacy



Original Color
98649B

Protanomaly
796FA3

Deuteranomaly
7F6E99

Tritanomaly
956982

Monochromacy



Original Color
98649B

Achromatopsia
7A7A7A

Achromatomaly
857286

CSS Examples

Text

The CSS property to change the color of the text to Hex 98649B 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 #98649B looks like.

```
.text, #text, p{  
    color:#98649B  
}
```

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 #98649B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98649B
}
```

Border

The CSS property to change the border of an element to Hex 98649B is called "border". The border property can be set on classes, ids or directly on the HTML element.

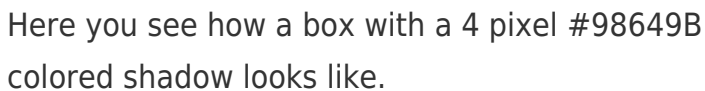
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98649B }
```

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

```
.border{ border-color:#98649B }
```

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



Here you see how a box with a 4 pixel #98649B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98649B; -webkit-box-shadow:4px 4px  
4px 4px #98649B; box-shadow:4px 4px 4px  
4px #98649B }
```

Background

The CSS property to change the background color of an element to Hex 98649B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98649B }
```

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

```
.background{ background-color:#98649B }
```

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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