

Converting Colors

Hex(9B649B)

Have a look what the booklet for
Hex(9B649B) contains.

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Color

Hex(9B649B)

Conversions

Conversions Part 1

Format	Color
Hex	9B649B
RGB	155, 100, 155
RGB Percent	61%, 39%, 61%
CMY	0.3922, 0.6078, 0.3922
CMYK	0.00, 0.35, 0.00, 0.39
HSL	300°, 22%, 50%
HSV	300°, 35%, 61%
XYZ	23.9911, 18.4495, 33.3070
YIQ	122.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

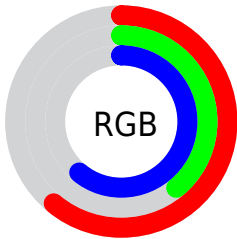
Format	Color
R_{YB}	155, 100, 155
Decimal	10183835
CIE _{Lab}	50.04, 31.35, -20.90
CIE _{LCh}	50, 37.678, 326.307
Yxy	18.4495, 0.3167, 0.2436
Android (android.graphics.Color)	4288373915 (0xFF9B649B)
YUV	122.7150, 15.9165, 28.3139
Hunter-Lab	42.9528, 24.5330, -15.9083

Details

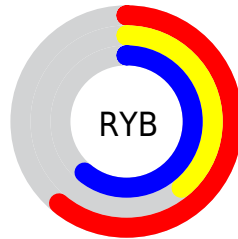
The Hex color **9B649B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **649B64**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D298D2**, and **673368** is the 20% darker color. If you saturate the color by 10%, you get **9B559B**, and if you desaturate by 10%, it is **9B749B**.

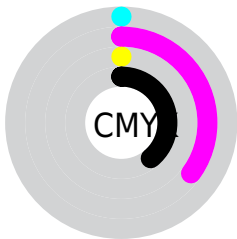
Distribution



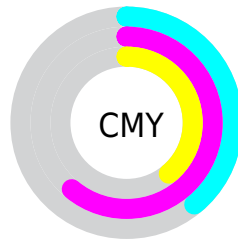
- Red (61%)
- Green (39%)
- Blue (61%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 9B649B 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 9B649B by changing the saturation by 10% instead.

 9B649B

 9B649B

FFFFFF

 804B81

 D298D2

 673368

 EFB3EE

 4E1C4F

 FFCFFF

 350338

 FFE8FF

 230023

 000009

 000000

 9B649B

 9B649B

 9B559B

 9B749B

 9B459B

 9B839B

 9B369B

 9B939B

 9B269B

 9BA29B

 9B179B

 9BB29B

 9B079B

 9BC19B

 9B009B

 9BD19B

 9BE09B

 9BF09B

Harmonies

Analogous

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



7370B0



9B649B



B05D7C

Triad

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



9B649B



8E7435



008792

Complementary

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



9B649B



649B64

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.



008772



9B649B



6E7E3B

Square

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



9B649B



A66842



478452



0083AC

Rectangle

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



9B649B



B45D67



478452



008788

Sweetspot

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



9B649B



C9B3C9



64649B



665966



E6E6E6



666666

Same Dimension

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



9B649B



C973C9



9B6480



4D454D



8C008C



0D000D

Inverse Universe

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



9B649B



C973C9



649B80



4D454D



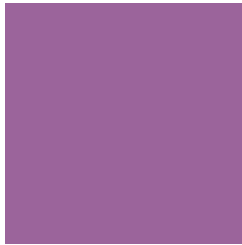
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 9B649B looks on a white background.

Color Contrast Check

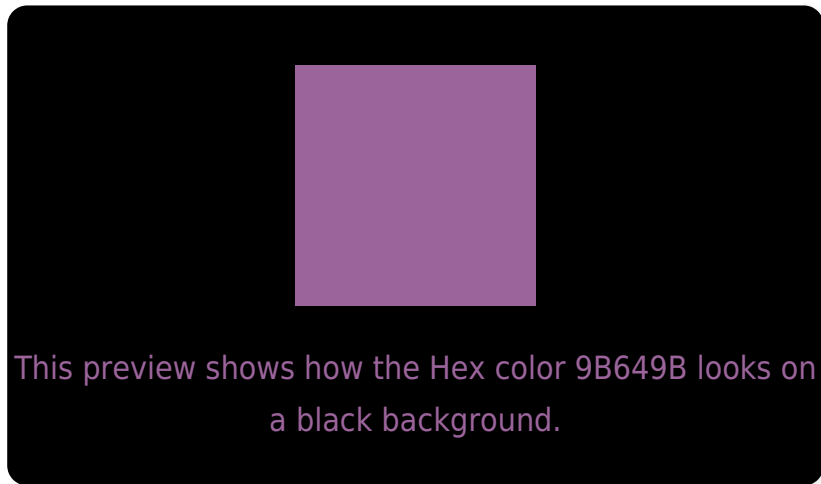
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

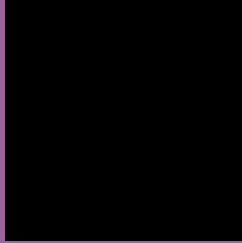
Any Text WCAG AA ✓ Pass

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 9B649B Background



This preview shows how black text looks on a background with the Hex color 9B649B.

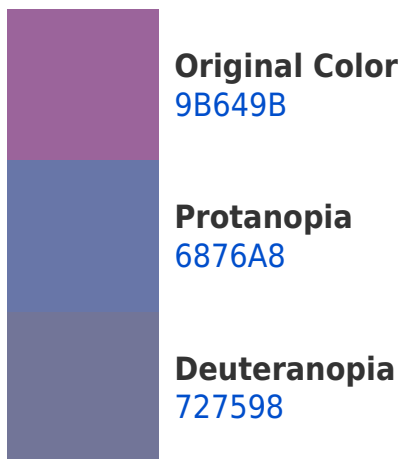



This preview shows how white text looks on a background with the Hex color 9B649B.

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
966C74

Trichromacy



Original Color
9B649B

Protanomaly
7B6FA3

Deuteranomaly
816F99

Tritanomaly
986982

Monochromacy



Original Color
9B649B

Achromatopsia
7B7B7B

Achromatomaly
877387

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B649B 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 #9B649B looks like.

```
.text, #text, p{  
    color:#9B649B  
}
```

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 #9B649B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B649B
}
```

Border

The CSS property to change the border of an element to Hex 9B649B is called "border". The border property can be set on classes, ids or directly on the HTML element.

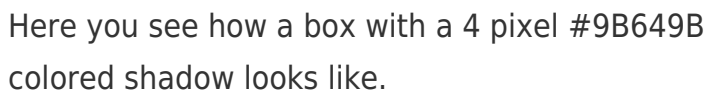
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B649B }
```

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

```
.border{ border-color:#9B649B }
```

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



Here you see how a box with a 4 pixel #9B649B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B649B; -webkit-box-shadow:4px 4px  
4px 4px #9B649B; box-shadow:4px 4px 4px  
4px #9B649B }
```

Background

The CSS property to change the background color of an element to Hex 9B649B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B649B }
```

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

```
.background{ background-color:#9B649B }
```

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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