

Converting Colors

Hex(9959BC)

Have a look what the booklet for
Hex(9959BC) contains.

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Color

Hex(9959BC)

Conversions

Conversions Part 1

Format	Color
Hex	9959BC
RGB	153, 89, 188
RGB Percent	60%, 35%, 74%
CMY	0.4000, 0.6510, 0.2627
CMYK	0.19, 0.53, 0.00, 0.26
HSL	279°, 42%, 54%
HSV	279°, 53%, 74%
XYZ	25.7863, 17.5479, 49.6049
YIQ	119.4220, 6.3650, 44.3570

Conversions

Conversions Part 2

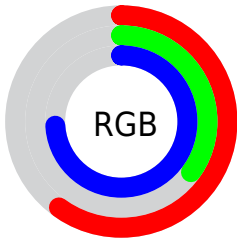
Format	Color
R_{YB}	153, 89, 188
Decimal	10049980
CIE _{Lab}	48.94, 43.76, -41.92
CIE _{LCh}	49, 60.598, 316.226
Yxy	17.5479, 0.2775, 0.1888
Android (android.graphics.Color)	4288240060 (0xFF9959BC)
YUV	119.4220, 33.8090, 29.4479
Hunter-Lab	41.8902, 36.5713, -40.8860

Details

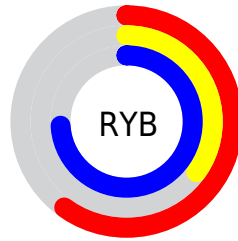
The Hex color **9959BC** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7CBC59**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D18DF5**, and **632786** is the 20% darker color. If you saturate the color by 10%, you get **9246BC**, and if you desaturate by 10%, it is **A06CBC**.

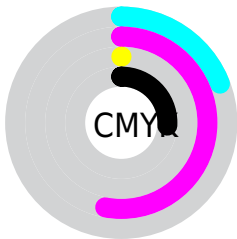
Distribution



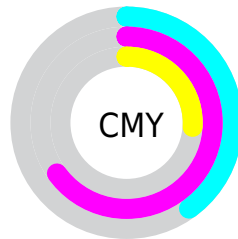
- Red (60%)
- Green (35%)
- Blue (74%)



- Red (60%)
- Yellow (35%)
- Blue (74%)



- Cyan (19%)
- Magenta (53%)
- Yellow (0%)
- Black (26%)



- Cyan (40%)
- Magenta (65%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9959BC 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 9959BC by changing the saturation by 10% instead.

 9959BC

 9959BC

FFFFFF

 7E40A1

 D18DF5

 632786

 EEA8FF

 490B6C

 FFC4FF

 2F0053

 FFE0FF

 1A003C

 FFFDFD

 000225

 00010D

 000000

 9959BC

 9959BC

 9246BC

 A06CBC

 8C33BC

 A67FBC

 8521BC

 AD91BC

 7E0EBC

 B4A4BC

 7A00BC

 BAB7BC

 C1CABC

 C8DDBC

 CEEFBC

 D5FFBC

Harmonies

Analogous

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



3971D8



9959BC



C4428E

Triad

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



9959BC



9F6900



008C90

Complementary

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



9959BC



7CBC59

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.



008A5A



9959BC



727A00

Square

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



9959BC



C1522B



328526



0089BE

Rectangle

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



9959BC



CF3C6C



328526



008C7E

Sweetspot

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



9959BC



E7CEF5



597DBC



72637A



FAFAFA



7A7A7A

Same Dimension

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



9959BC



BE5BF5



BC59AF



5B555E



66009E



14001F

Inverse Universe

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



BC597C



F55B91



59BC66



5E5558



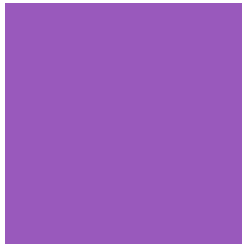
9E0038



1F000B

Previews

White Background



This preview shows how the Hex color 9959BC looks on a white background.

Color Contrast Check

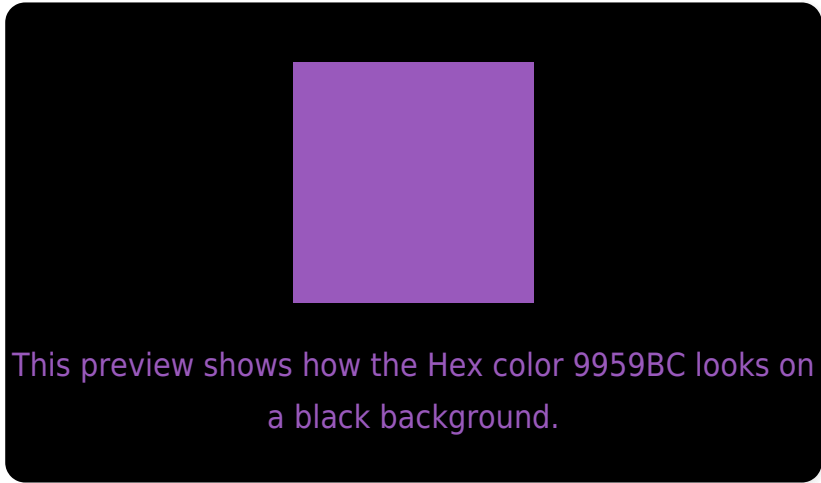
Large Text (above 18pt) WCAG AA ✓ Pass

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

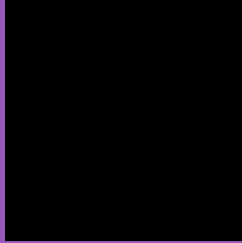
Any Text WCAG AA ✓ Pass

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 9959BC Background



This preview shows how black text looks on a background with the Hex color 9959BC.

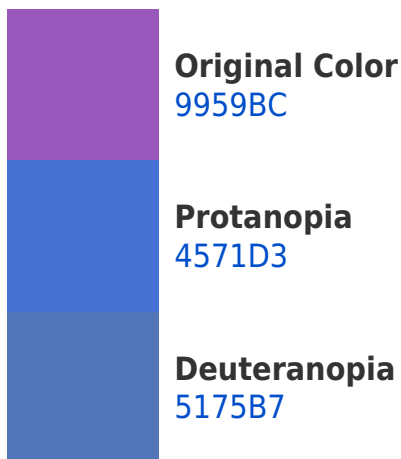



This preview shows how white text looks on a background with the Hex color 9959BC.

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
8E6B73

Trichromacy



Original Color
9959BC



Protanomaly
6468CB



Deuteranomaly
6B6BB9



Tritanomaly
92648E

Monochromacy



Original Color
9959BC



Achromatopsia
777777



Achromatomaly
836C90

CSS Examples

Text

The CSS property to change the color of the text to Hex 9959BC 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 #9959BC looks like.

```
.text, #text, p{  
    color:#9959BC  
}
```

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 #9959BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9959BC
}
```

Border

The CSS property to change the border of an element to Hex 9959BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

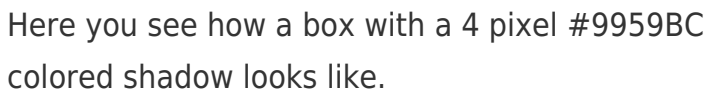
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9959BC }
```

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

```
.border{ border-color:#9959BC }
```

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



Here you see how a box with a 4 pixel #9959BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9959BC; -webkit-box-shadow:4px 4px  
4px 4px #9959BC; box-shadow:4px 4px 4px  
4px #9959BC }
```

Background

The CSS property to change the background color of an element to Hex 9959BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9959BC }
```

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

```
.background{ background-color:#9959BC }
```

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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