

Converting Colors

Hex(9C68B7)

Have a look what the booklet for
Hex(9C68B7) contains.

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Color

Hex(9C68B7)

Conversions

Conversions Part 1

Format	Color
Hex	9C68B7
RGB	156, 104, 183
RGB Percent	61%, 41%, 72%
CMY	0.3882, 0.5922, 0.2824
CMYK	0.15, 0.43, 0.00, 0.28
HSL	279°, 35%, 56%
HSV	279°, 43%, 72%
XYZ	27.2079, 20.3874, 47.3009
YIQ	128.5540, 5.6330, 35.5930

Conversions

Conversions Part 2

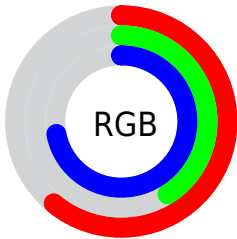
Format	Color
RYB	156, 104, 183
Decimal	10250423
CIELab	52.27, 35.25, -33.76
CIELCh	52, 48.808, 316.234
Yxy	20.3874, 0.2867, 0.2148
Android (android.graphics.Color)	4288440503 (0xFF9C68B7)
YUV	128.5540, 26.8419, 24.0701
Hunter-Lab	45.1525, 28.5433, -30.5044

Details

The Hex color **9C68B7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **83B768**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **D49CEF**, and **673782** is the 20% darker color. If you saturate the color by 10%, you get **9656B7**, and if you desaturate by 10%, it is **A27AB7**.

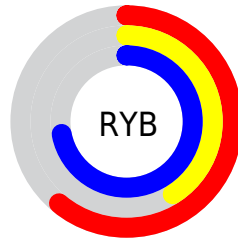
Distribution



Red (61%)

Green (41%)

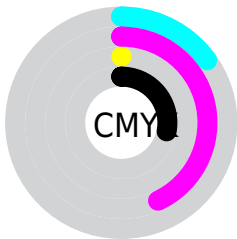
Blue (72%)



Red (61%)

Yellow (41%)

Blue (72%)

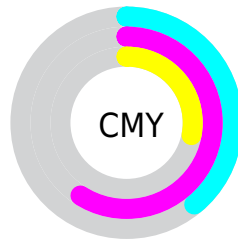


Cyan (15%)

Magenta (43%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (59%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9C68B7 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 9C68B7 by changing the saturation by 10% instead.

■ 9C68B7

■ 9C68B7

FFFFFF

■ 814F9C

■ D49CEF

■ 673782

■ F1B7FF

■ 4E1F68

■ FFD3FF

■ 350650

■ FFF0FF

■ 1F0038

■ 000122

■ 000008

■ 000000

■ 9C68B7

■ 9C68B7

9656B7

A27AB7

8F43B7

A98DB7

8931B7

AF9FB7

831FB7

B5B1B7

7D0CB7

BBC3B7

7800B7

C2D6B7

C8E8B7

CEFAB7

D4FFB7

Harmonies

Analogous

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



5B79CD



9C68B7



BF5992

Triad

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



9C68B7



A37427



009193

Complementary

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



9C68B7



83B768

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.



009067



9C68B7



7E8225

Square

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



9C68B7



BF6342



4D8B40



008EB8

Rectangle

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



9C68B7



C95676



4D8B40



009184

Sweetspot

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



9C68B7



E3CEED



6884B7



716578



F7F7F7



787878

Same Dimension

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



9C68B7



C372ED



B768AB



59535C



66009C



12001C

Inverse Universe

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



B76883



ED729C



68B774



5C5356



9C0035



1C000A

Previews

White Background



This preview shows how the Hex color 9C68B7 looks on a white background.

Color Contrast Check

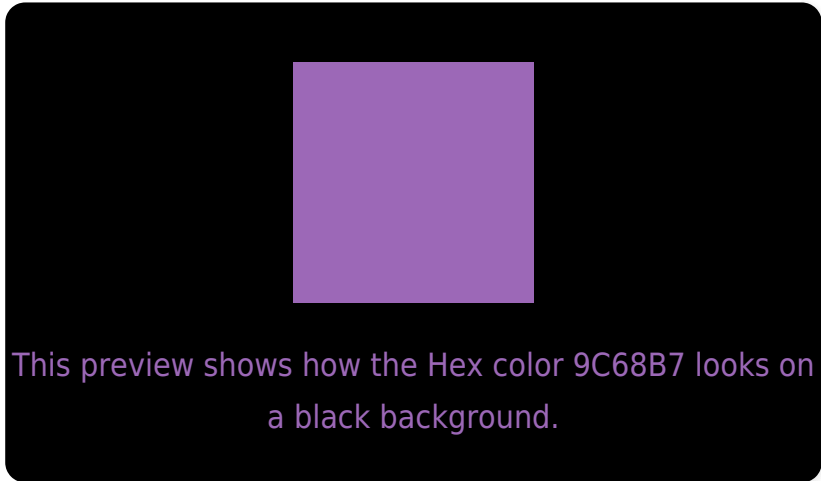
Large Text (above 18pt) WCAG AA ✓ Pass

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

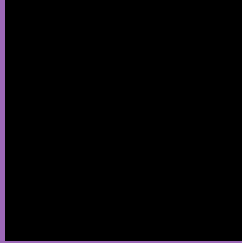
Any Text WCAG AA ✓ Pass

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 9C68B7 Background



This preview shows how black text looks on a background with the Hex color 9C68B7.

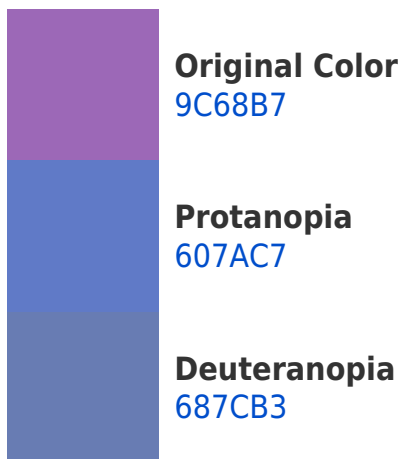


This preview shows how white text looks on a background with the Hex color 9C68B7.

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](#).

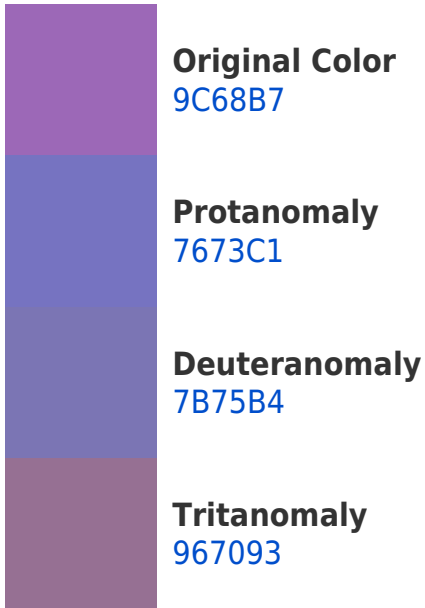
Dichromacy





Tritanopia
93757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9C68B7 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 #9C68B7 looks like.

```
.text, #text, p{  
    color:#9C68B7  
}
```

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 #9C68B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9C68B7
}
```

Border

The CSS property to change the border of an element to Hex 9C68B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

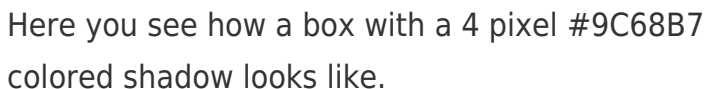
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9C68B7 }
```

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

```
.border{ border-color:#9C68B7 }
```

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



Here you see how a box with a 4 pixel #9C68B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9C68B7; -webkit-box-shadow:4px 4px  
4px 4px #9C68B7; box-shadow:4px 4px 4px  
4px #9C68B7 }
```

Background

The CSS property to change the background color of an element to Hex 9C68B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9C68B7 }
```

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

```
.background{ background-color:#9C68B7 }
```

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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