

Converting Colors

Hex(9961B7)

Have a look what the booklet for
Hex(9961B7) contains.

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Color

Hex(9961B7)

Conversions

Conversions Part 1

Format	Color
Hex	9961B7
RGB	153, 97, 183
RGB Percent	60%, 38%, 72%
CMY	0.4000, 0.6196, 0.2824
CMYK	0.16, 0.47, 0.00, 0.28
HSL	279°, 37%, 55%
HSV	279°, 47%, 72%
XYZ	25.9588, 18.7406, 47.0489
YIQ	123.5480, 5.7700, 38.6180

Conversions

Conversions Part 2

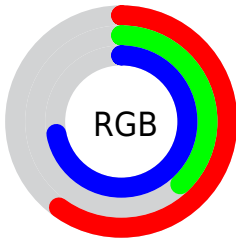
Format	Color
R_{YB}	153, 97, 183
Decimal	10052023
CIE _{Lab}	50.38, 38.27, -36.75
CIE _{LCh}	50, 53.060, 316.162
Yxy	18.7406, 0.2829, 0.2043
Android (android.graphics.Color)	4288242103 (0xFF9961B7)
YUV	123.5480, 29.3098, 25.8294
Hunter-Lab	43.2904, 31.2781, -34.1343

Details

The Hex color **9961B7** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7FB761**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **D195EF**, and **643082** is the 20% darker color. If you saturate the color by 10%, you get **934FB7**, and if you desaturate by 10%, it is **9F73B7**.

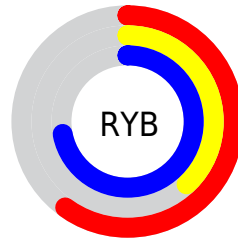
Distribution



Red (60%)

Green (38%)

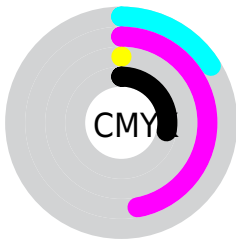
Blue (72%)



Red (60%)

Yellow (38%)

Blue (72%)

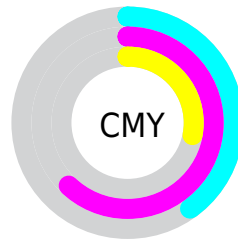


Cyan (16%)

Magenta (47%)

Yellow (0%)

Black (28%)



Cyan (40%)

Magenta (62%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9961B7 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 9961B7 by changing the saturation by 10% instead.

■ 9961B7

■ 9961B7

FFFFFF

■ 7E489C

■ D195EF

■ 643082

■ EEB0FF

■ 4A1768

■ FFCCFF

■ 31004F

■ FFE8FF

■ 1D0038

■ 000222

■ 000007

■ 000000

■ 9961B7

■ 9961B7

934FB7

9F73B7

8C3CB7

A686B7

862AB7

AC98B7

7F18B7

B3AAB7

7905B7

B9BCB7

7700B7

BFCFB7

C6E1B7

CCF3B7

D2FFB7

Harmonies

Analogous

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



4E75CF



9961B7



BF508F

Triad

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



9961B7



A06E18



008D90

Complementary

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



9961B7



7FB761

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.



008C61



9961B7



787D14

Square

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



9961B7



BD5C38



428735



008BB8

Rectangle

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



9961B7



C94C70



428735



008D80

Sweetspot

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



9961B7



E2CCED



617FB7



716378



F7F7F7



787878

Same Dimension

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



9961B7



BF68ED



B761AA



59535C



65009C



12001C

Inverse Universe

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



B7617F



ED6897



61B76E



5C5356



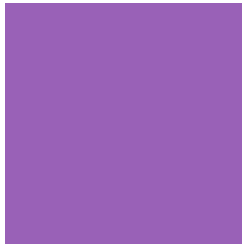
9C0036



1C000A

Previews

White Background



This preview shows how the Hex color 9961B7 looks on a white background.

Color Contrast Check

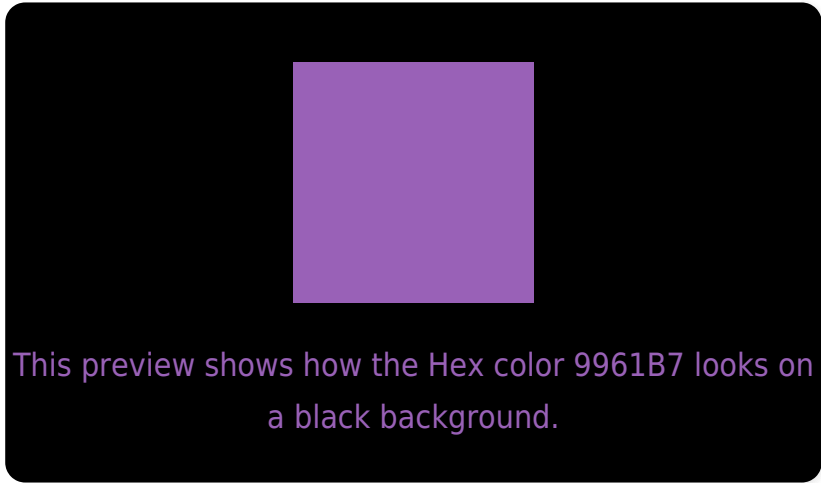
Large Text (above 18pt) WCAG AA ✓ Pass

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

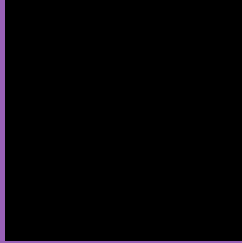
Any Text WCAG AA ✓ Pass

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 9961B7 Background



This preview shows how black text looks on a background with the Hex color 9961B7.

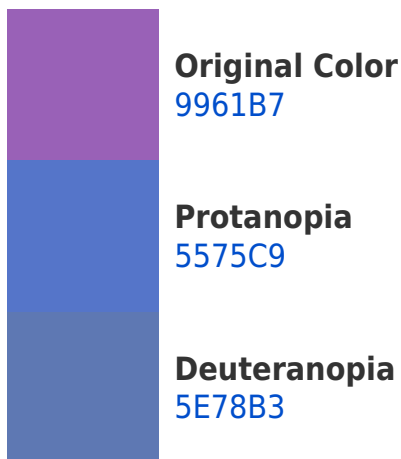


This preview shows how white text looks on a background with the Hex color 9961B7.

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](#).

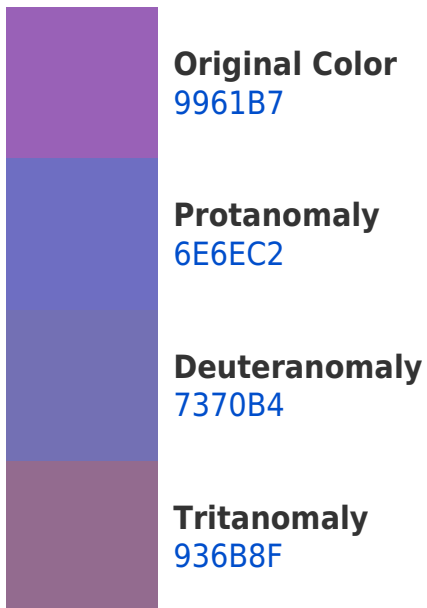
Dichromacy



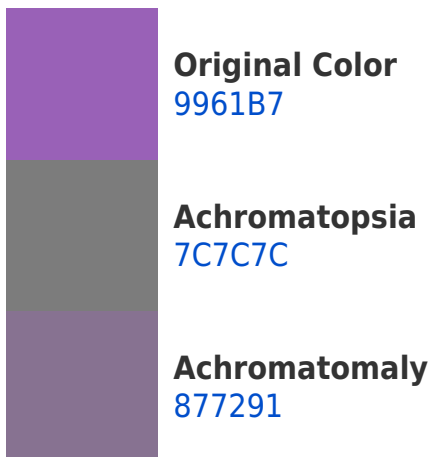


Tritanopia
8F7078

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9961B7 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 #9961B7 looks like.

```
.text, #text, p{  
    color:#9961B7  
}
```

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 #9961B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9961B7
}
```

Border

The CSS property to change the border of an element to Hex 9961B7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

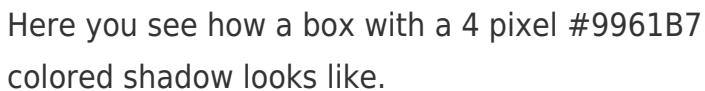
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9961B7 }
```

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

```
.border{ border-color:#9961B7 }
```

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



Here you see how a box with a 4 pixel #9961B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9961B7; -webkit-box-shadow:4px 4px  
4px 4px #9961B7; box-shadow:4px 4px 4px  
4px #9961B7 }
```

Background

The CSS property to change the background color of an element to Hex 9961B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9961B7 }
```

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

```
.background{ background-color:#9961B7 }
```

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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