

Converting Colors

Hex(9957C9)

Have a look what the booklet for
Hex(9957C9) contains.

Hex(9957C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9957C9)

Conversions

Conversions Part 1

Format	Color
Hex	9957C9
RGB	153, 87, 201
RGB Percent	60%, 34%, 79%
CMY	0.4000, 0.6588, 0.2118
CMYK	0.24, 0.57, 0.00, 0.21
HSL	275°, 51%, 56%
HSV	275°, 57%, 79%
XYZ	27.0877, 17.8057, 57.2675
YIQ	119.7300, 2.7420, 49.4460

Conversions

Conversions Part 2

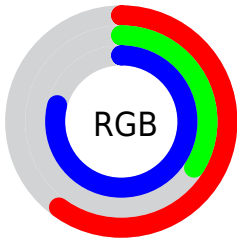
Format	Color
R_{YB}	153, 87, 201
Decimal	10049481
CIE _{Lab}	49.26, 47.75, -48.92
CIE _{LCh}	49, 68.362, 314.303
Yxy	17.8057, 0.2651, 0.1743
Android (android.graphics.Color)	4288239561 (0xFF9957C9)
YUV	119.7300, 40.0661, 29.1778
Hunter-Lab	42.1968, 40.7411, -50.9277

Details

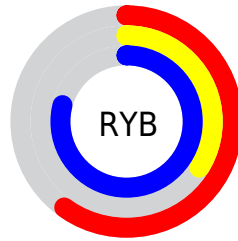
The Hex color **9957C9** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **87C957**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D28BFF**, and **622492** is the 20% darker color. If you saturate the color by 10%, you get **9143C9**, and if you desaturate by 10%, it is **A16BC9**.

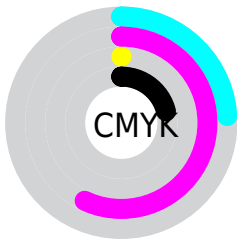
Distribution



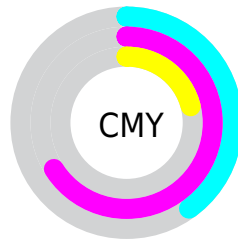
- Red (60%)
- Green (34%)
- Blue (79%)



- Red (60%)
- Yellow (34%)
- Blue (79%)



- Cyan (24%)
- Magenta (57%)
- Yellow (0%)
- Black (21%)



- Cyan (40%)
- Magenta (66%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9957C9 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 9957C9 by changing the saturation by 10% instead.

 9957C9

 9957C9

FFFFFF

 7D3EAD

 D28BFF

 622492

 EFA7FF

 470578

 FFC2FF

 2C005F

 FFDFFF

 140046

 FFFCFF

 00022F

 000119

 000000

 9957C9

 9957C9

9143C9

A16BC9

882FC9

AA7FC9

801BC9

B293C9

7707C9

BBA7C9

7400C9

C3BCC9

CCD0C9

D4E4C9

DDF8C9

E5FFC9

Harmonies

Analogous

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



0073E7



9957C9



CC3796

Triad

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



9957C9



A66700



008F90

Complementary

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



9957C9



87C957

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.



008D53



9957C9



747B00

Square

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



9957C9



CB4B24



2A8712



008DC5

Rectangle

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



9957C9



D92D6F



2A8712



008E7C

Sweetspot

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



9957C9



EDD4FF



5788C9



756680



000000



808080

Same Dimension

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



9957C9



B652FF



C957C1



5F5A63



5E00A3



150024

Inverse Universe

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



C95787



FF529B



57C95F



635A5E



A30045



24000F

Previews

White Background



This preview shows how the Hex color 9957C9 looks on a white background.

Color Contrast Check

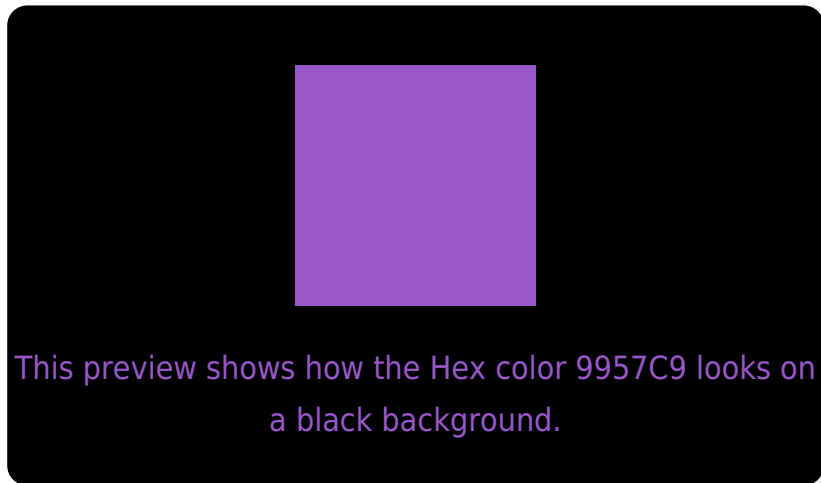
Large Text (above 18pt) WCAG AA ✓ Pass

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

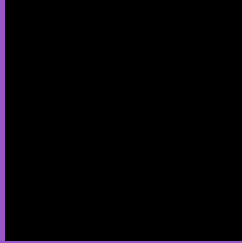
Any Text WCAG AA ✓ Pass

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 9957C9 Background



This preview shows how black text looks on a background with the Hex color 9957C9.

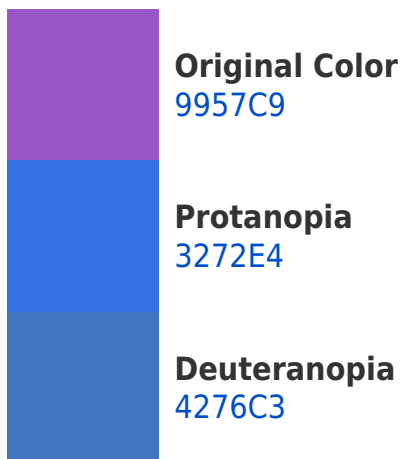



This preview shows how white text looks on a background with the Hex color 9957C9.

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](#).

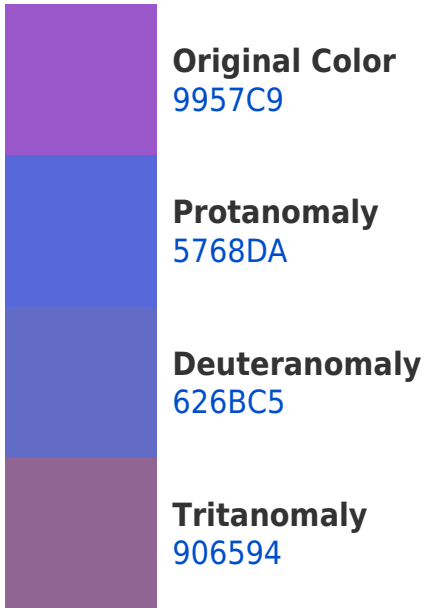
Dichromacy



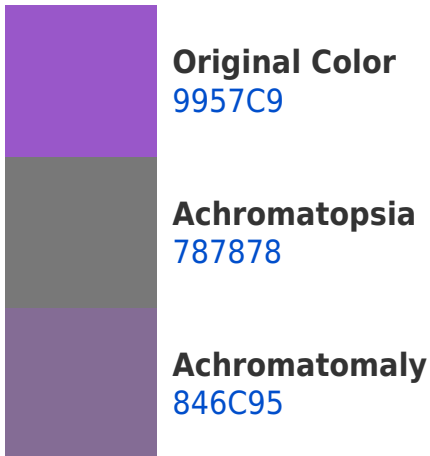


Tritanopia
8B6D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9957C9 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 #9957C9 looks like.

```
.text, #text, p{  
    color:#9957C9  
}
```

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 #9957C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9957C9
}
```

Border

The CSS property to change the border of an element to Hex 9957C9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

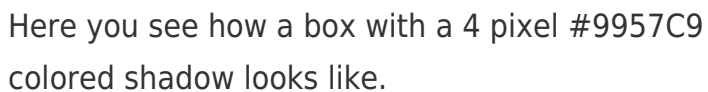
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9957C9 }
```

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

```
.border{ border-color:#9957C9 }
```

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



Here you see how a box with a 4 pixel #9957C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9957C9; -webkit-box-shadow:4px 4px  
4px 4px #9957C9; box-shadow:4px 4px 4px  
4px #9957C9 }
```

Background

The CSS property to change the background color of an element to Hex 9957C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9957C9 }
```

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

```
.background{ background-color:#9957C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor