

# Converting Colors

Hex(957BC5)

Have a look what the booklet for  
Hex(957BC5) contains.

<b>Hex(957BC5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(957BC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957BC5
RGB	149, 123, 197
RGB Percent	58%, 48%, 77%
CMY	0.4157, 0.5176, 0.2275
CMYK	0.24, 0.38, 0.00, 0.23
HSL	261°, 39%, 63%
HSV	261°, 38%, 77%
XYZ	29.5554, 24.5867, 56.0113
YIQ	139.2100, -8.2580, 28.5260

# Conversions

## Conversions Part 2

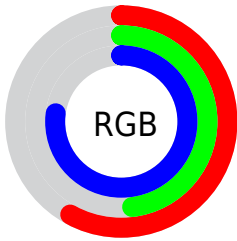
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 123, 197
Decimal	9796549
CIE <sub>Lab</sub>	56.67, 25.51, -34.96
CIE <sub>LCh</sub>	57, 43.274, 306.117
Yxy	24.5867, 0.2683, 0.2232
Android (android.graphics.Color)	4287986629 (0xFF957BC5)
YUV	139.2100, 28.4905, 8.5858
Hunter-Lab	49.5850, 19.6223, -32.2646

# Details

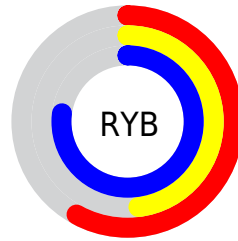
The Hex color **957BC5** is a light color, and the websafe version is hex **996699**. A complement of this color would be **ABC57B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **CCB0FE**, and **604A8F** is the 20% darker color. If you saturate the color by 10%, you get **8867C5**, and if you desaturate by 10%, it is **A28FC5**.

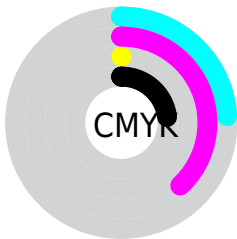
# Distribution



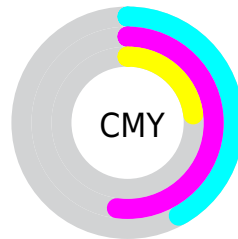
- Red (58%)
- Green (48%)
- Blue (77%)



- Red (58%)
- Yellow (48%)
- Blue (77%)



- Cyan (24%)
- Magenta (38%)
- Yellow (0%)
- Black (23%)



- Cyan (42%)
- Magenta (52%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 957BC5 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 957BC5 by changing the saturation by 10% instead.



■ 957BC5

■ 957BC5

FFFFFF

■ 7A62AA

■ CCB0FE

■ 604A8F

■ E9CBFF

■ 473375

■ FFE7FF

■ 2E1D5C

■ 140844

■ 00002D

■ 000118

■ 000000

■ 957BC5

■ 957BC5

8867C5

A28FC5

7B54C5

AFA2C5

6F40C5

BBB6C5

622CC5

C8CAC5

5519C5

D5DEC5

4805C5

E2F1C5

4500C5

EEFFC5

FBFFC5

FFFFC5

# Harmonies

## Analogous

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



5489D3



957BC5



BD6DA7

# Triad

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



957BC5



B77B43



009B8F

# Complementary

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



957BC5



ABC57B

# 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.



3A9968



957BC5



97883A

# Square

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



957BC5



CB6E5D



6F9349



009AB3

# Rectangle

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



957BC5



CB688E



6F9349



009B82



# Sweetspot

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



957BC5



EDE3FF



7BABC5



756F80



000000



808080



# Same Dimension

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



957BC5



B58CFF



BA7BC5



5D5A63



3900A3



0D0024



# Inverse Universe

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



C57BAB



FF8CD7



86C57B



635A60



A3006A

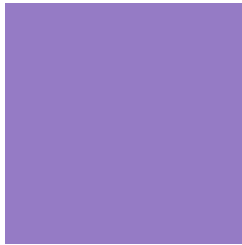


240017



# Previews

## White Background



This preview shows how the Hex color 957BC5 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 957BC5 Background



This preview shows how black text looks on a background with the Hex color 957BC5.

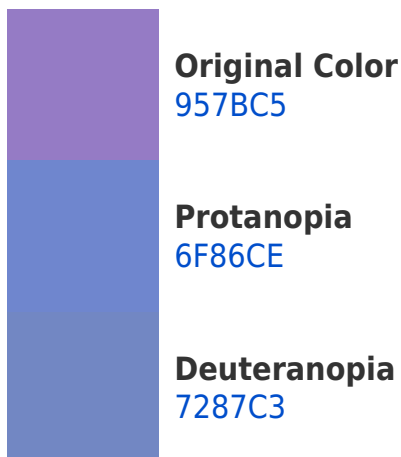


This preview shows how white text looks on a background with the Hex color 957BC5.

# 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](#).

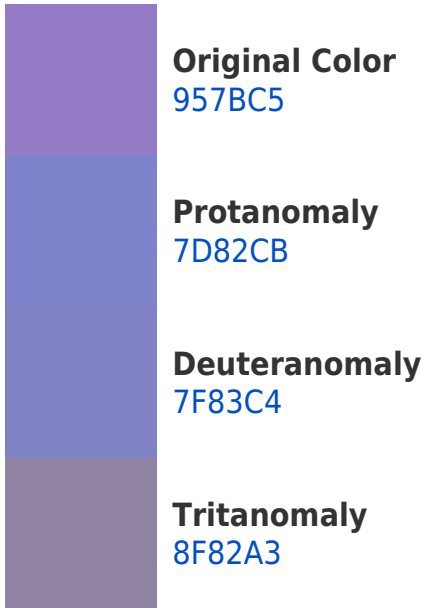
## Dichromacy



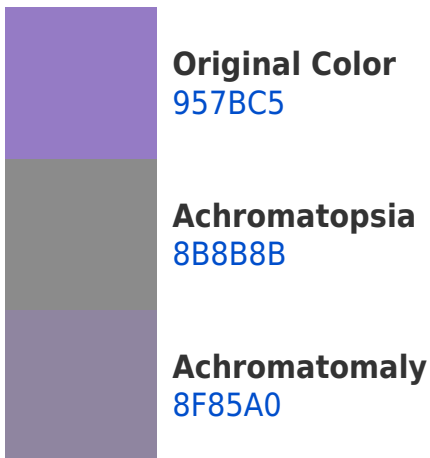


**Tritanopia**  
8B8690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 957BC5 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 #957BC5 looks like.

```
.text, #text, p{  
    color:#957BC5  
}
```

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 #957BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957BC5
}
```

## Border

The CSS property to change the border of an element to Hex 957BC5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

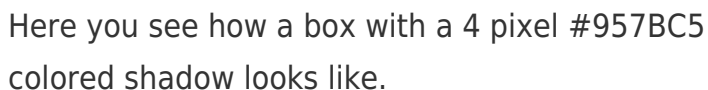
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#957BC5 }
```

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

```
.border{ border-color:#957BC5 }
```

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



Here you see how a box with a 4 pixel #957BC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957BC5; -webkit-box-shadow:4px 4px  
4px 4px #957BC5; box-shadow:4px 4px 4px  
4px #957BC5 }
```

# Background

The CSS property to change the background color of an element to Hex 957BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957BC5 }
```

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

```
.background{ background-color:#957BC5 }
```

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