

# Converting Colors

Hex(957AB7)

Have a look what the booklet for  
Hex(957AB7) contains.

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# **Color**

**Hex(957AB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	957AB7
RGB	149, 122, 183
RGB Percent	58%, 48%, 72%
CMY	0.4157, 0.5216, 0.2824
CMYK	0.19, 0.33, 0.00, 0.28
HSL	267°, 30%, 60%
HSV	267°, 33%, 72%
XYZ	27.9012, 23.7275, 47.9091
YIQ	137.0270, -3.4890, 24.6950

# Conversions

## Conversions Part 2

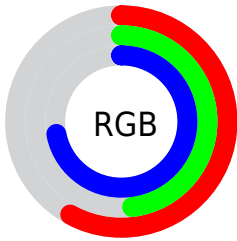
Format	Color
<a href="#">RYB</a>	<a href="#">149, 122, 183</a>
Decimal	<a href="#">9796279</a>
CIELab	<a href="#">55.81, 22.76, -28.30</a>
CIElCh	<a href="#">56, 36.317, 308.804</a>
Yxy	<a href="#">23.7275, 0.2803, 0.2384</a>
Android (android.graphics.Color)	<a href="#">4287986359 (0xFF957AB7)</a>
YUV	<a href="#">137.0270, 22.6647, 10.5003</a>
Hunter-Lab	<a href="#">48.7109, 16.9992, -24.2164</a>

# Details

The Hex color **957AB7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **9CB77A**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **CCAFEF**, and **614982** is the 20% darker color. If you saturate the color by 10%, you get **8B68B7**, and if you desaturate by 10%, it is **9F8CB7**.

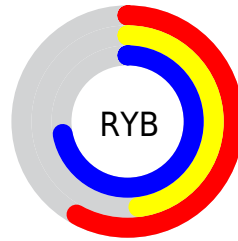
# Distribution



Red (58%)

Green (48%)

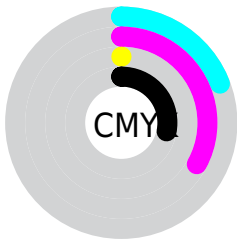
Blue (72%)



Red (58%)

Yellow (48%)

Blue (72%)

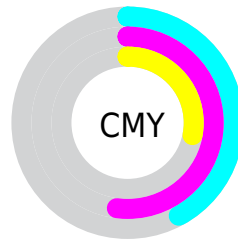


Cyan (19%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (52%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 957AB7 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 957AB7 by changing the saturation by 10% instead.



957AB7

957AB7

FFFFFF

7B619C

CCAFEF

614982

E8CAFF

483268

FFE6FF

301C50

190639

000023

000009

000000

957AB7

957AB7

8B68B7

9F8CB7

8155B7

A99FB7

7643B7

B4B1B7

6C31B7

BEC3B7

621FB7

C8D6B7

580CB7

D2E8B7

5100B7

DCFAB7

E7FFB7

F1FFB7

# Harmonies

## Analogous

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



6586C4



957AB7



B4709D

# Triad

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



957AB7



AC7C4B



00968E

# Complementary

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



957AB7



9CB77A

# 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.



45956E



957AB7



918746

# Square

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



957AB7



BE7260



6E8F53



0095AC

# Rectangle

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



957AB7



BF6C88



6E8F53



1C9683



# Sweetspot

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



957AB7



E0D5ED



7A9DB7



706978



F7F7F7



787878



# Same Dimension

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



957AB7



B88EED



B37AB7



57535C



45009C



0C001C



# Inverse Universe

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



B77A9C



ED8EC3



7EB77A



5C5358



9C0057



1C0010



# Previews

## White Background



This preview shows how the Hex color 957AB7 looks on a white background.

## Color Contrast Check

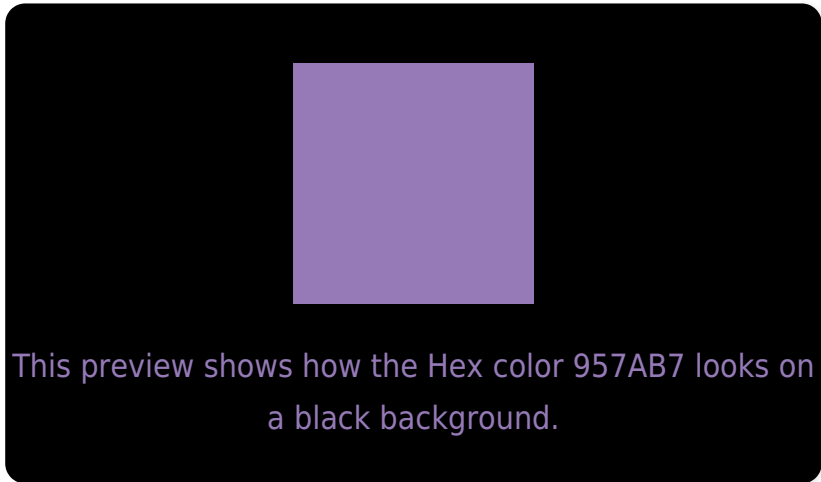
Large Text (above 18pt) WCAG AA ✓ Pass

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 957AB7 Background



This preview shows how black text looks on a background with the Hex color 957AB7.

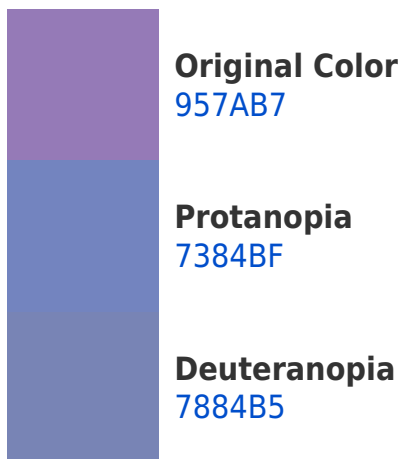



This preview shows how white text looks on a background with the Hex color 957AB7.

# 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](#).

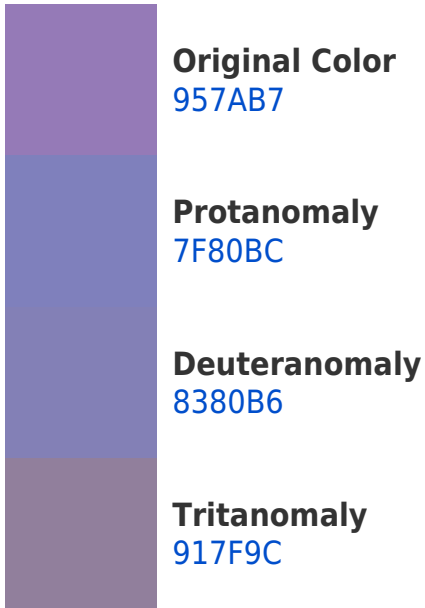
## Dichromacy





**Tritanopia**  
8E828D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 957AB7 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 #957AB7 looks like.

```
.text, #text, p{  
    color:#957AB7  
}
```

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 #957AB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #957AB7  
}
```

## Border

The CSS property to change the border of an element to Hex 957AB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

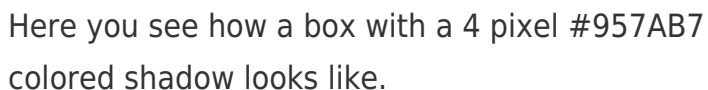
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#957AB7 }
```

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

```
.border{ border-color:#957AB7 }
```

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



Here you see how a box with a 4 pixel #957AB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #957AB7; -webkit-box-shadow:4px 4px  
4px 4px #957AB7; box-shadow:4px 4px 4px  
4px #957AB7 }
```

# Background

The CSS property to change the background color of an element to Hex 957AB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#957AB7 }
```

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

```
.background{ background-color:#957AB7 }
```

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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