

# Converting Colors

Hex(957AEB)

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

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

# Color

Hex(957AEB)

# Conversions

## Conversions Part 1

Format	Color
Hex	957AEB
RGB	149, 122, 235
RGB Percent	58%, 48%, 92%
CMY	0.4157, 0.5216, 0.0784
CMYK	0.37, 0.48, 0.00, 0.08
HSL	254°, 74%, 70%
HSV	254°, 48%, 92%
XYZ	34.3494, 26.3068, 81.8646
YIQ	142.9550, -20.1810, 40.8670

# Conversions

## Conversions Part 2

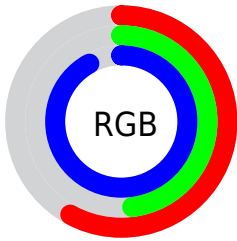
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 122, 235
Decimal	9796331
CIE <sub>Lab</sub>	58.33, 35.77, -53.71
CIE <sub>LCh</sub>	58, 64.534, 303.664
Yxy	26.3068, 0.2410, 0.1846
Android (android.graphics.Color)	4287986411 (0xFF957AEB)
YUV	142.9550, 45.3782, 5.3015
Hunter-Lab	51.2901, 29.7849, -58.7301

# Details

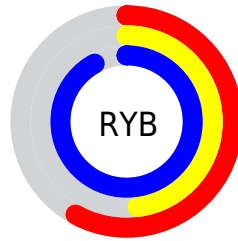
The Hex color **957AEB** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **D0EB7A**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **CEAFFF**, and **5D49B2** is the 20% darker color. If you saturate the color by 10%, you get **8362EB**, and if you desaturate by 10%, it is **A792EB**.

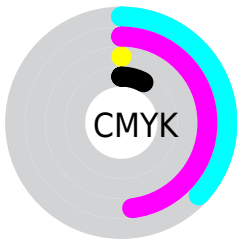
# Distribution



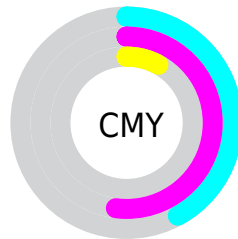
- Red (58%)
- Green (48%)
- Blue (92%)



- Red (58%)
- Yellow (48%)
- Blue (92%)



- Cyan (37%)
- Magenta (48%)
- Yellow (0%)
- Black (8%)



- Cyan (42%)
- Magenta (52%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 957AEB

 957AEB

FFFFFF

 7961CE


 CEAFFF

 5D49B2

 ECCAFF

 413197

 FFE7FF

 211B7D

 000663

 00004B

 000433

 00021D

 000000

957AEB

957AEB

8362EB

A792EB

714BEB

B9A9EB

5F34EB

CBC1EB

4D1CEB

DDD8EB

3C04EB

EEF0EB

3800EB

FFFFEB

# Harmonies

## Analogous

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



0091FE



957AEB



D560BF

# Triad

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



957AEB



CE7620



00A692

# Complementary

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



957AEB



D0EB7A

# 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.



00A357



957AEB



A18C00

# Square

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



957AEB



EB5E51



679B21



00A5CA

# Rectangle

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



957AEB



EB549B



679B21



00A67E



# Sweetspot

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



957AEB



E4DBFF



7AD1EB



6F6A80



000000



808080



# Same Dimension

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



957AEB



8E6BFF



CD7AEB



6C6A75



2B00B5



0D0036



# Inverse Universe

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



EB7AD0



FF6BDC



98EB7A



756A72



B5008A

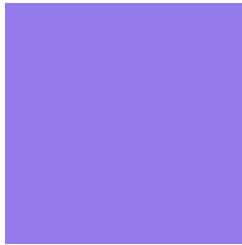


360029



# Previews

## White Background



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

## Color Contrast Check

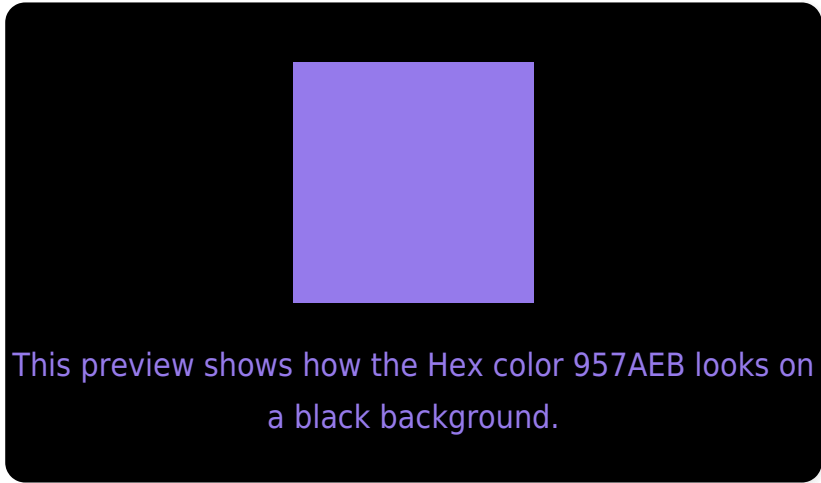
Large Text (above 18pt) WCAG AA ✓ Pass

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 957AEB Background



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

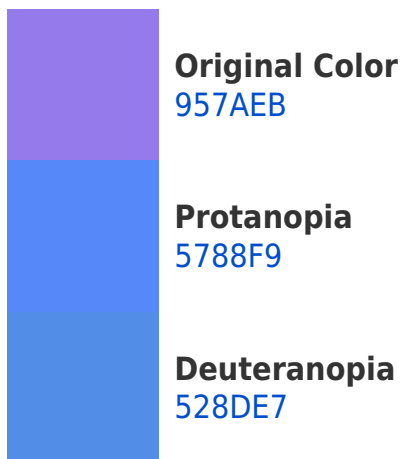


This preview shows how white text looks on a background with the Hex color 957AEB.

# 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](#).

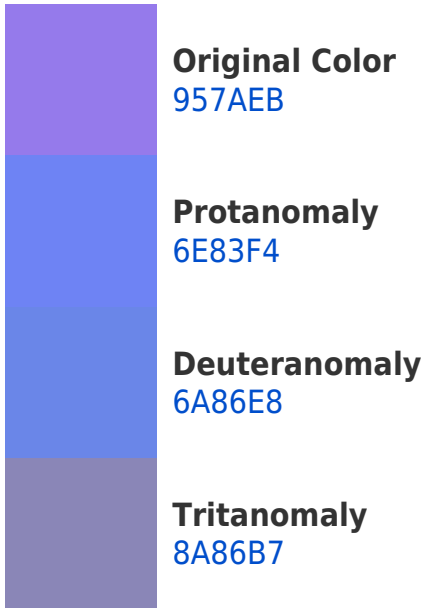
## Dichromacy



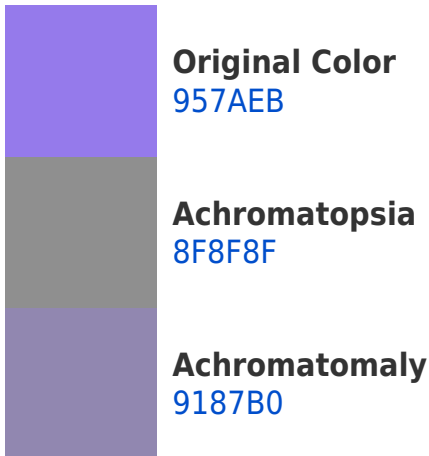


**Tritanopia**  
838D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #957AEB colored shadow looks like.

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

## Border

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

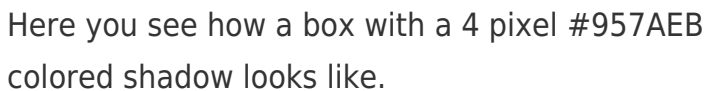
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

# Background

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

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

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

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

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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