

# Converting Colors

Hex(9497E0)

Have a look what the booklet for  
Hex(9497E0) contains.

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# **Color**

**Hex(9497E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9497E0
RGB	148, 151, 224
RGB Percent	58%, 59%, 88%
CMY	0.4196, 0.4078, 0.1216
CMYK	0.34, 0.33, 0.00, 0.12
HSL	238°, 55%, 73%
HSV	238°, 34%, 88%
XYZ	36.7339, 33.8109, 75.1111
YIQ	158.4250, -25.2210, 22.0670

# Conversions

## Conversions Part 2

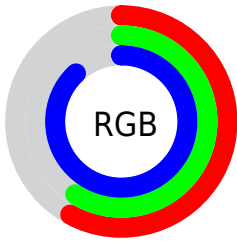
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 151, 224
Decimal	9738208
CIE <sub>Lab</sub>	64.81, 15.88, -37.39
CIE <sub>LCh</sub>	65, 40.617, 293.010
Yxy	33.8109, 0.2522, 0.2321
Android (android.graphics.Color)	4287928288 (0xFF9497E0)
YUV	158.4250, 32.3285, -9.1427
Hunter-Lab	58.1472, 11.0080, -35.8843

# Details

The Hex color **9497E0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E0DD94**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **CCCDFF**, and **5E64A8** is the 20% darker color. If you saturate the color by 10%, you get **7E81E0**, and if you desaturate by 10%, it is **AAADE0**.

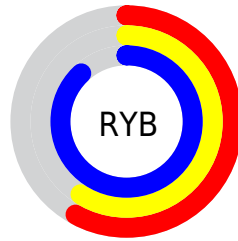
# Distribution



Red (58%)

Green (59%)

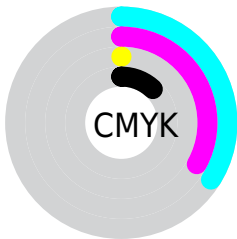
Blue (88%)



Red (58%)

Yellow (59%)

Blue (88%)

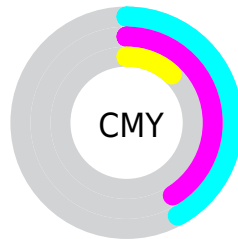


Cyan (34%)

Magenta (33%)

Yellow (0%)

Black (12%)



Cyan (42%)

Magenta (41%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9497E0 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 9497E0 by changing the saturation by 10% instead.



■ 9497E0

■ 9497E0

FFFFFF

■ 797DC4

■ CCCDFF

■ 5E64A8

■ E9E9FF

■ 444C8E

■ 293674

■ 06215B

■ 000C43

■ 00032C

■ 000116

■ 000000

■ 9497E0

■ 9497E0

■ 7E81E0

■ AAAD E0

■ 676CE0

■ C1C2E0

■ 5156E0

■ D7D8E0

■ 3A41E0

■ EEED E0

■ 242BE0

■ FFFF E0

■ 0E16E0

■ 0009E0

# Harmonies

## Analogous

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



52A3E5



9497E0



C28AC9

# Triad

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



9497E0



D68B64



35B093

# Complementary

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



9497E0



E0DD94

# 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.



6DAC70



9497E0



BC9854

# Square

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



9497E0



E38283



98A459



00B0B8

# Rectangle

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



9497E0



D683B3



98A459



4BAF87



# Sweetspot

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



9497E0



E6E7FF



94E0DC



707180



000000



808080



# Same Dimension

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



9497E0



969BFF



B694E0



656570



0007B0



000230



# Inverse Universe

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



E09497



FF969B



BEE094



706565



B00007

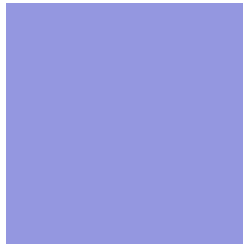


300002



# Previews

## White Background



This preview shows how the Hex color 9497E0 looks on a white background.

## Color Contrast Check

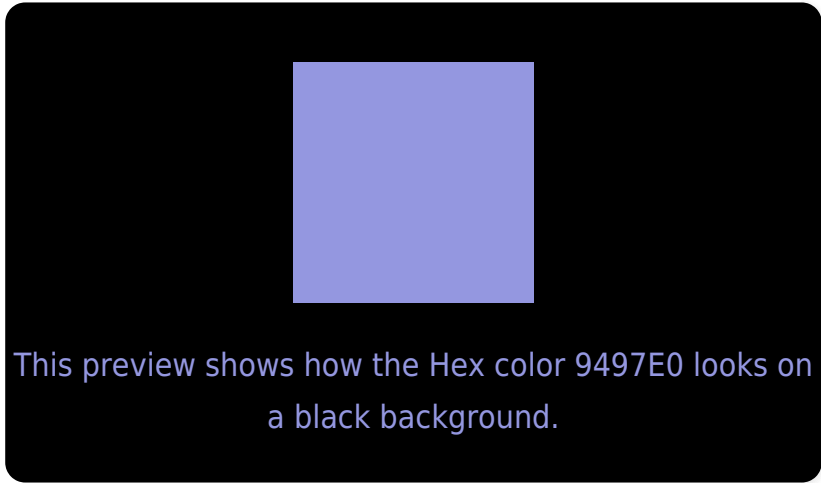
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9497E0 Background



This preview shows how black text looks on a background with the Hex color 9497E0.

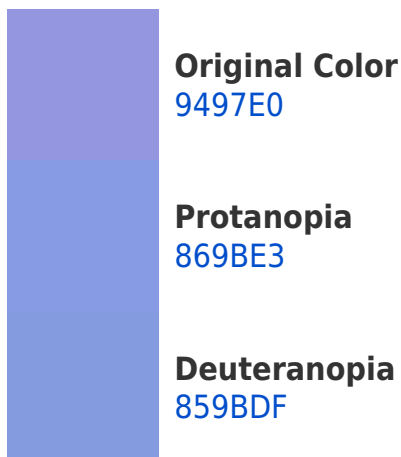


This preview shows how white text looks on a background with the Hex color 9497E0.

# 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](#).

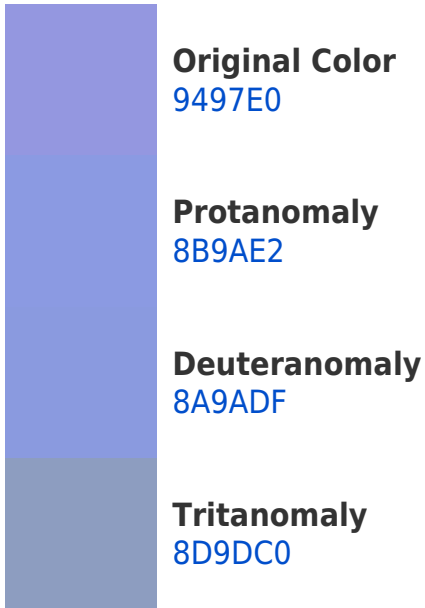
## Dichromacy



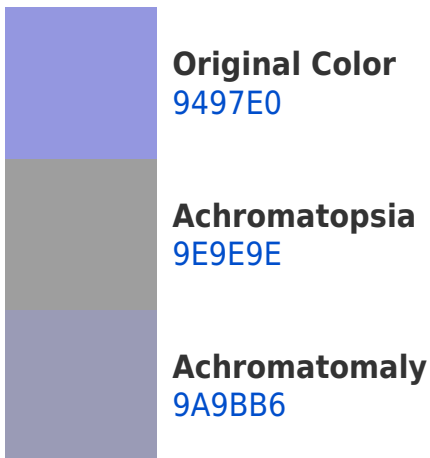


**Tritanopia**  
89A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9497E0 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 #9497E0 looks like.

```
.text, #text, p{  
    color:#9497E0  
}
```

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 #9497E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9497E0
}
```

## Border

The CSS property to change the border of an element to Hex 9497E0 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
#9497E0 }
```

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

```
.border{ border-color:#9497E0 }
```

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

Here you see how a box with a 4 pixel #9497E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9497E0; -webkit-box-shadow:4px 4px  
4px 4px #9497E0; box-shadow:4px 4px 4px  
4px #9497E0 }
```

# Background

The CSS property to change the background color of an element to Hex 9497E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9497E0 }
```

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

```
.background{ background-color:#9497E0 }
```

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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