

# Converting Colors

Hex(97A4E5)

Have a look what the booklet for  
Hex(97A4E5) contains.

<b>Hex(97A4E5)</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(97A4E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97A4E5
RGB	151, 164, 229
RGB Percent	59%, 64%, 90%
CMY	0.4078, 0.3569, 0.1020
CMYK	0.34, 0.28, 0.00, 0.10
HSL	230°, 60%, 75%
HSV	230°, 34%, 90%
XYZ	40.1808, 38.7874, 79.4977
YIQ	167.5230, -28.6130, 17.4590

# Conversions

## Conversions Part 2

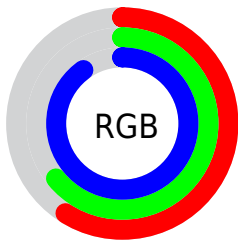
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 162, 229
Decimal	9938149
CIE <sub>Lab</sub>	68.60, 10.62, -34.24
CIE <sub>LCh</sub>	69, 35.844, 287.228
Yxy	38.7874, 0.2536, 0.2448
Android (android.graphics.Color)	4288128229 (0xFF97A4E5)
YUV	167.5230, 30.3082, -14.4907
Hunter-Lab	62.2795, 6.1735, -32.0860

# Details

The Hex color **97A4E5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5D897**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **CFDBFF**, and **6170AD** is the 20% darker color. If you saturate the color by 10%, you get **8091E5**, and if you desaturate by 10%, it is **AEB7E5**.

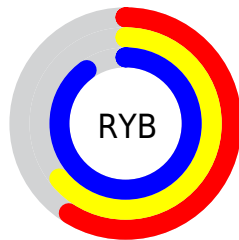
# Distribution



Red (59%)

Green (64%)

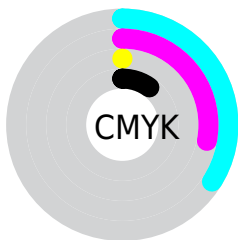
Blue (90%)



Red (59%)

Yellow (64%)

Blue (90%)

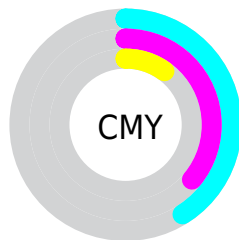


Cyan (34%)

Magenta (28%)

Yellow (0%)

Black (10%)



Cyan (41%)

Magenta (36%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97A4E5 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 97A4E5 by changing the saturation by 10% instead.



■ 97A4E5

■ 97A4E5

FFFFFF

■ 7C8AC9

■ CFDBFF

■ 6170AD

■ ECF7FF

■ 475892

■ 2C4178

■ 0B2B5F

■ 001747

■ 000031

■ 00011B

■ 000000

■ 97A4E5

■ 97A4E5

■ 8091E5

■ AEB7E5

■ 697EE5

■ C5CAE5

■ 526BE5

■ DCDDE5

■ 3B58E5

■ F3F0E5

■ 2545E5

■ FFFFE5

■ 0E32E5

■ 0026E5

# Harmonies

## Analogous

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



62AFE6



97A4E5



C298D4

# Triad

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



97A4E5



DF9679



5DB898

# Complementary

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



97A4E5



E5D897

# 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.



85B37A



97A4E5



C9A168

# Square

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



97A4E5



E78F96



AAAB68



33B9B9

# Rectangle

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



97A4E5



D792C1



AAAB68



6BB78D



# Sweetspot

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



97A4E5



E6EAFF



97E5D8



707380



000000



808080



# Same Dimension

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



97A4E5



96A8FF



B197E5



676973



001EB3



000933



# Inverse Universe

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



E597A4



FF96A8



CBE597



736769



B3001E

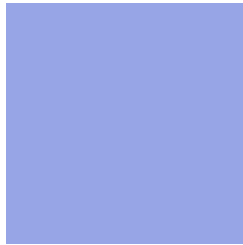


330009



# Previews

## White Background



This preview shows how the Hex color 97A4E5 looks on a white background.

## Color Contrast Check

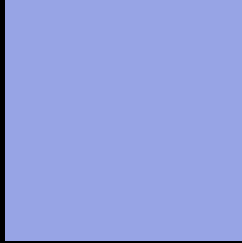
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 97A4E5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

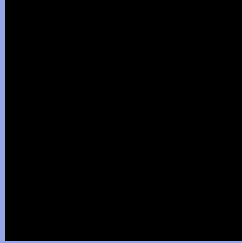
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 97A4E5 Background



This preview shows how black text looks on a background with the Hex color 97A4E5.



This preview shows how white text looks on a background with the Hex color 97A4E5.

# 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



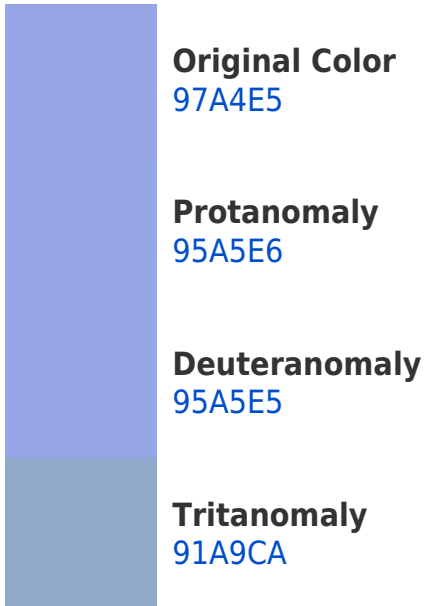
**Original Color**  
97A4E5

**Protanopia**  
94A5E6

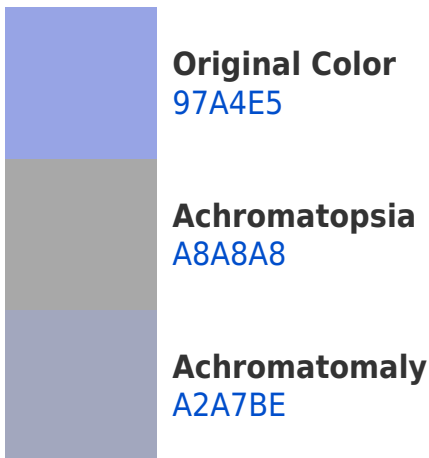
**Deuteranopia**  
94A5E5



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97A4E5 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 #97A4E5 looks like.

```
.text, #text, p{  
    color:#97A4E5  
}
```

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 #97A4E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97A4E5
}
```

## Border

The CSS property to change the border of an element to Hex 97A4E5 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
#97A4E5 }
```

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

```
.border{ border-color:#97A4E5 }
```

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

Here you see how a box with a 4 pixel #97A4E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97A4E5; -webkit-box-shadow:4px 4px  
4px 4px #97A4E5; box-shadow:4px 4px 4px  
4px #97A4E5 }
```

# Background

The CSS property to change the background color of an element to Hex 97A4E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97A4E5 }
```

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

```
.background{ background-color:#97A4E5 }
```

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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