

# Converting Colors

Hex(90A4ED)

Have a look what the booklet for  
Hex(90A4ED) contains.

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# **Color**

**Hex(90A4ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A4ED
RGB	144, 164, 237
RGB Percent	56%, 64%, 93%
CMY	0.4353, 0.3569, 0.0706
CMYK	0.39, 0.31, 0.00, 0.07
HSL	227°, 72%, 75%
HSV	227°, 39%, 93%
XYZ	40.0631, 38.5946, 85.4587
YIQ	166.3420, -35.3530, 18.4630

# Conversions

## Conversions Part 2

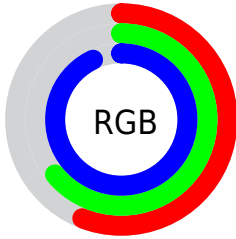
Format	Color
<a href="#">RYB</a>	<a href="#">144, 160, 237</a>
Decimal	<a href="#">9479405</a>
CIELab	<a href="#">68.46, 10.85, -38.87</a>
CIElCh	<a href="#">68, 40.358, 285.602</a>
Yxy	<a href="#">38.5946, 0.2441, 0.2352</a>
Android (android.graphics.Color)	<a href="#">4287669485 (0xFF90A4ED)</a>
YUV	<a href="#">166.3420, 34.8344, -19.5939</a>
Hunter-Lab	<a href="#">62.1246, 6.3937, -38.0723</a>

# Details

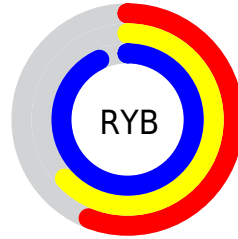
The Hex color **90A4ED** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EDD990**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C8DBFF**, and **5971B5** is the 20% darker color. If you saturate the color by 10%, you get **7891ED**, and if you desaturate by 10%, it is **A8B7ED**.

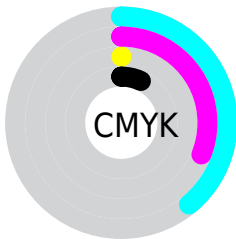
# Distribution



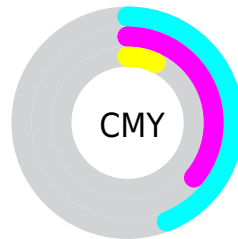
- Red (56%)
- Green (64%)
- Blue (93%)



- Red (56%)
- Yellow (63%)
- Blue (93%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (7%)



- Cyan (44%)
- Magenta (36%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A4ED 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 90A4ED by changing the saturation by 10% instead.



 90A4ED

 90A4ED

FFFFFF

 748AD1

 C8DBFF

 5971B5

 E5F7FF

 3D589A

 1F417F

 002C66

 00184E

 000236

 000220

 000004

■ 90A4ED

■ 90A4ED

■ 7891ED

■ A8B7ED

■ 617FED

■ BFC9ED

■ 496CED

■ D7DCED

■ 315AED

■ EFEEED

■ 1A47ED

■ FFFFED

■ 0234ED

■ 0033ED

# Harmonies

## Analogous

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



4CB0ED



90A4ED



C396DA

# Triad

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



90A4ED



E59274



51B994

# Complementary

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



90A4ED



EDD990

# 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.



82B473



90A4ED



CE9F60

# Square

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



90A4ED



EE8A95



ABAB5F



00BAB9

# Rectangle

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



90A4ED



DA8FC6



ABAB5F



63B888



# Sweetspot

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



90A4ED



E0E7FF



90EDD9



6E7180



000000



808080



# Same Dimension

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



90A4ED



87A1FF



AA90ED



6A6C75



0027B5



000C36



# Inverse Universe

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



ED90A4



FF87A1



D3ED90



756A6C



B50027



36000C



# Previews

## White Background



This preview shows how the Hex color 90A4ED looks on a white background.

## Color Contrast Check

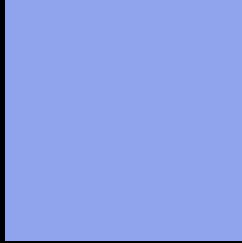
Large Text (above 18pt) WCAG AA × Fail

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 90A4ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

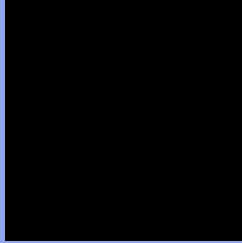
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90A4ED Background



This preview shows how black text looks on a background with the Hex color 90A4ED.



This preview shows how white text looks on a background with the Hex color 90A4ED.

# 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**  
90A4ED

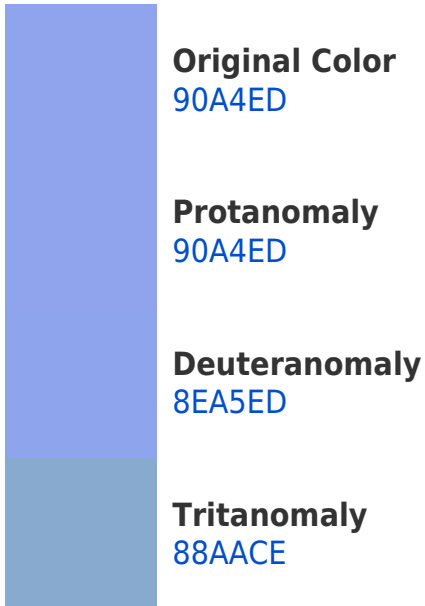
**Protanopia**  
90A4ED

**Deuteranopia**  
8DA5ED

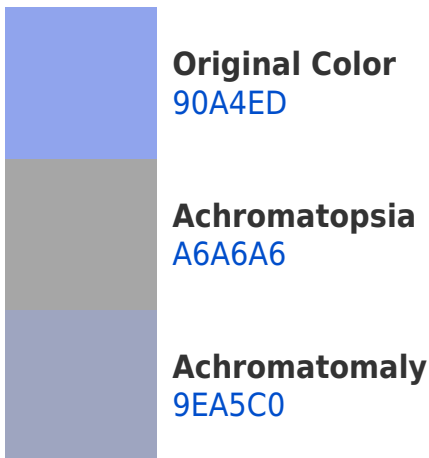


**Tritanopia**  
84AEBC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A4ED 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 #90A4ED looks like.

```
.text, #text, p{  
    color:#90A4ED  
}
```

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 #90A4ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A4ED
}
```

## Border

The CSS property to change the border of an element to Hex 90A4ED 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
#90A4ED }
```

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

```
.border{ border-color:#90A4ED }
```

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

Here you see how a box with a 4 pixel #90A4ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A4ED; -webkit-box-shadow:4px 4px  
4px 4px #90A4ED; box-shadow:4px 4px 4px  
4px #90A4ED }
```

# Background

The CSS property to change the background color of an element to Hex 90A4ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A4ED }
```

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

```
.background{ background-color:#90A4ED }
```

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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