

# Converting Colors

Hex(949ED1)

Have a look what the booklet for  
Hex(949ED1) contains.

<b>Hex(949ED1)</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(949ED1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	949ED1
RGB	148, 158, 209
RGB Percent	58%, 62%, 82%
CMY	0.4196, 0.3804, 0.1804
CMYK	0.29, 0.24, 0.00, 0.18
HSL	230°, 40%, 70%
HSV	230°, 29%, 82%
XYZ	35.9482, 35.3531, 65.2507
YIQ	160.8240, -22.3310, 13.7410

# Conversions

## Conversions Part 2

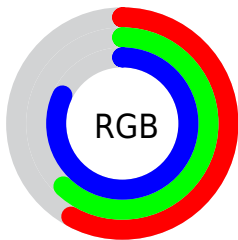
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 157, 209
Decimal	9739985
CIE <sub>Lab</sub>	66.02, 8.04, -27.20
CIE <sub>LCh</sub>	66, 28.365, 286.475
Yxy	35.3531, 0.2633, 0.2589
Android (android.graphics.Color)	4287930065 (0xFF949ED1)
YUV	160.8240, 23.7508, -11.2466
Hunter-Lab	59.4584, 3.8678, -23.4450

# Details

The Hex color **949ED1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D1C794**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CBD5FF**, and **606B9A** is the 20% darker color. If you saturate the color by 10%, you get **7F8DD1**, and if you desaturate by 10%, it is **A9AFD1**.

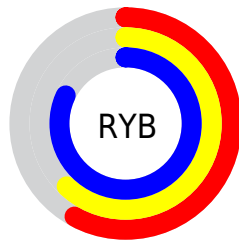
# Distribution



Red (58%)

Green (62%)

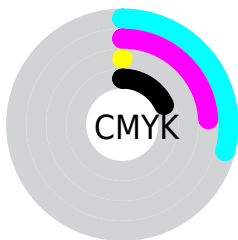
Blue (82%)



Red (58%)

Yellow (62%)

Blue (82%)

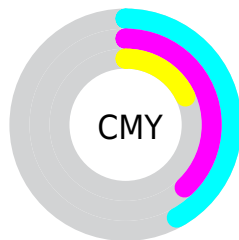


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 949ED1 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 949ED1 by changing the saturation by 10% instead.



■ 949ED1

■ 949ED1

FFFFFF

■ 7984B5

■ CBD5FF

■ 606B9A

■ E8F1FF

■ 465380

■ 2D3C67

■ 13264F

■ 001238

■ 000222

■ 000008

■ 000000

■ 949ED1

■ 949ED1

■ 7F8DD1

■ A9AFD1

■ 6A7BD1

■ BEC1D1

■ 556AD1

■ D3D2D1

■ 4058D1

■ E8E4D1

■ 2C47D1

■ FDF5D1

■ 1735D1

■ FFFFD1

■ 0224D1

■ 0022D1

# Harmonies

## Analogous

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



6FA6D1



949ED1



B595C4

# Triad

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



949ED1



CE937D



6AAE94

# Complementary

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



949ED1



D1C794

# 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.



87AA7D



949ED1



BD9B6F

# Square

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



949ED1



D48E93



A4A36F



53AEAE

# Rectangle

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



949ED1



C690B5



A4A36F



73AD8B



# Sweetspot

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



949ED1



E8ECFF



94D1C7



717480



000000



808080



# Same Dimension

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



949ED1



A6B4FF



A894D1



5E6069



001CA8



000729



# Inverse Universe

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



D1949E



FFA6B4



BDD194



695E60



A8001C

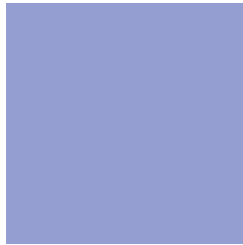


290007



# Previews

## White Background



This preview shows how the Hex color 949ED1 looks on a white background.

## Color Contrast Check

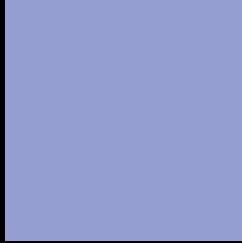
Large Text (above 18pt) WCAG AA × Fail

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 949ED1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

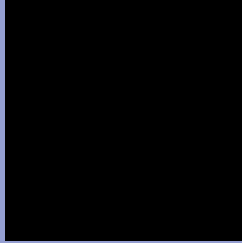
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 949ED1 Background



This preview shows how black text looks on a background with the Hex color 949ED1.



This preview shows how white text looks on a background with the Hex color 949ED1.

# 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**  
949ED1

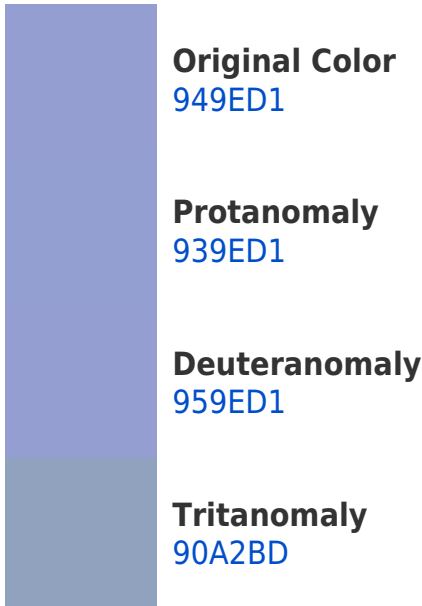
**Protanopia**  
939ED1

**Deuteranopia**  
959ED1

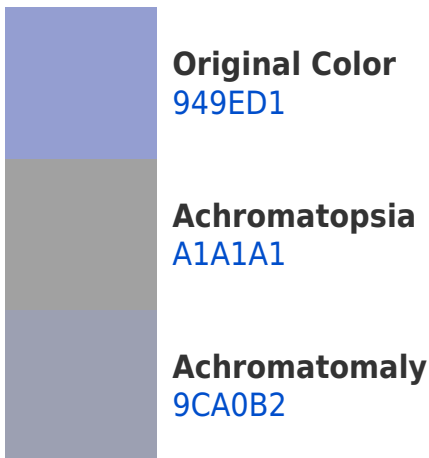


**Tritanopia**  
8DA4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 949ED1 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 #949ED1 looks like.

```
.text, #text, p{  
    color:#949ED1  
}
```

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 #949ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #949ED1
}
```

## Border

The CSS property to change the border of an element to Hex 949ED1 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
#949ED1 }
```

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

```
.border{ border-color:#949ED1 }
```

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

Here you see how a box with a 4 pixel #949ED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #949ED1; -webkit-box-shadow:4px 4px  
4px 4px #949ED1; box-shadow:4px 4px 4px  
4px #949ED1 }
```

# Background

The CSS property to change the background color of an element to Hex 949ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#949ED1 }
```

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

```
.background{ background-color:#949ED1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor