

# Converting Colors

Hex(979ED1)

Have a look what the booklet for  
Hex(979ED1) contains.

<b>Hex(979ED1)</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(979ED1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	979ED1
RGB	151, 158, 209
RGB Percent	59%, 62%, 82%
CMY	0.4078, 0.3804, 0.1804
CMYK	0.28, 0.24, 0.00, 0.18
HSL	233°, 39%, 71%
HSV	233°, 28%, 82%
XYZ	36.4980, 35.6365, 65.2765
YIQ	161.7210, -20.5430, 14.3770

# Conversions

## Conversions Part 2

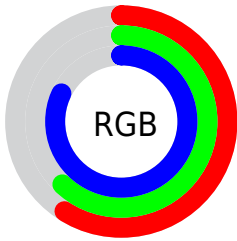
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 157, 209
Decimal	9936593
CIELab	66.24, 8.94, -26.85
CIELCh	66, 28.294, 288.411
Yxy	35.6365, 0.2656, 0.2593
Android (android.graphics.Color)	4288126673 (0xFF979ED1)
YUV	161.7210, 23.3085, -9.4023
Hunter-Lab	59.6963, 4.6654, -23.0448

# Details

The Hex color **979ED1** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D1CA97**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CED5FF**, and **636B9A** is the 20% darker color. If you saturate the color by 10%, you get **828CD1**, and if you desaturate by 10%, it is **ACB0D1**.

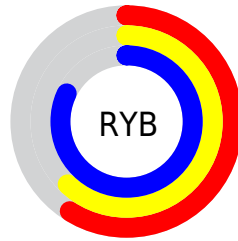
# Distribution



Red (59%)

Green (62%)

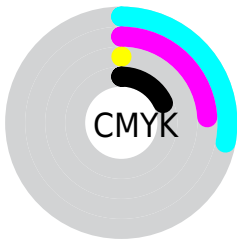
Blue (82%)



Red (59%)

Yellow (62%)

Blue (82%)

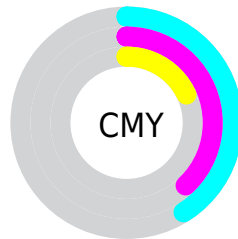


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (38%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 979ED1 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 979ED1 by changing the saturation by 10% instead.



■ 979ED1

■ 979ED1

FFFFFF

■ 7C84B5

■ CED5FF

■ 636B9A

■ EBF1FF

■ 495380

■ 313C67

■ 17264F

■ 001238

■ 000222

■ 000008

■ 000000

■ 979ED1

■ 979ED1

■ 828CD1

■ ACB0D1

■ 6D79D1

■ C1C3D1

■ 5867D1

■ D6D5D1

■ 4354D1

■ EBE8D1

■ 2F42D1

■ FFFAD1

■ 1A30D1

■ FFFFD1

■ 051DD1

■ 0019D1

# Harmonies

## Analogous

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



72A6D2



979ED1



B895C3

# Triad

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



979ED1



CE947C



69AE96

# Complementary

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



979ED1



D1CA97

# 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.



86AB7F



979ED1



BC9C70

# Square

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



979ED1



D48F92



A3A470



53AFB0

# Rectangle

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



979ED1



C791B4



A3A470



72AE8E



# Sweetspot

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



979ED1



EBEDFF



97D1C9



737480



000000



808080



# Same Dimension

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



979ED1



ABB5FF



AC97D1



5E5F69



0014A8



000529



# Inverse Universe

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



D1979E



FFABB5



BCD197



695E5F



A80014

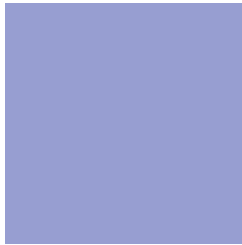


290005



# Previews

## White Background



This preview shows how the Hex color 979ED1 looks on a white background.

## Color Contrast Check

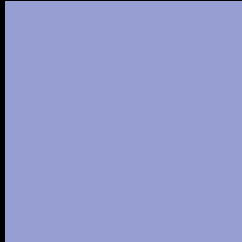
Large Text (above 18pt) WCAG AA × Fail

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 979ED1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

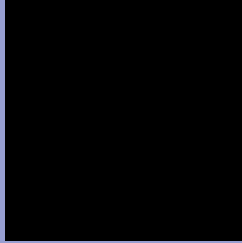
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 979ED1 Background



This preview shows how black text looks on a background with the Hex color 979ED1.



This preview shows how white text looks on a background with the Hex color 979ED1.

# 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**  
979ED1

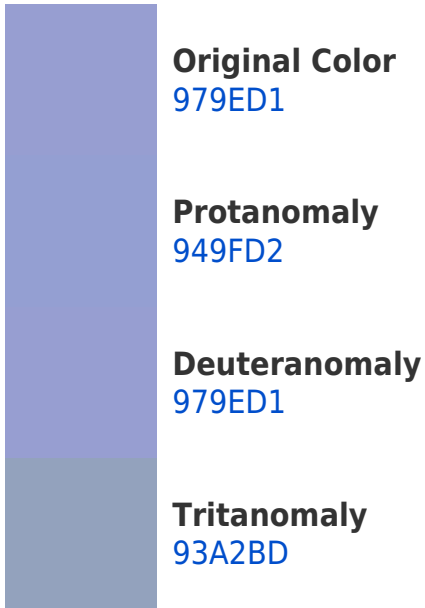
**Protanopia**  
939FD2

**Deuteranopia**  
979ED1

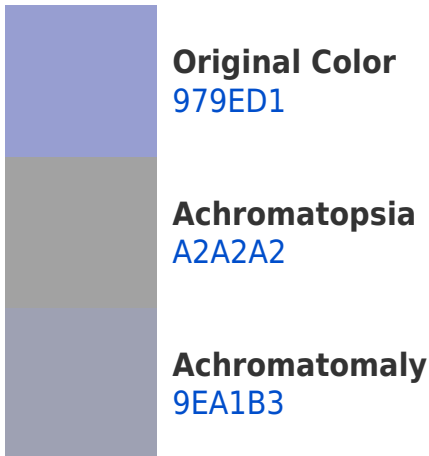


**Tritanopia**  
90A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 979ED1 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 #979ED1 looks like.

```
.text, #text, p{  
    color:#979ED1  
}
```

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 #979ED1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #979ED1
}
```

## Border

The CSS property to change the border of an element to Hex 979ED1 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
#979ED1 }
```

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

```
.border{ border-color:#979ED1 }
```

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

Here you see how a box with a 4 pixel #979ED1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #979ED1; -webkit-box-shadow:4px 4px  
4px 4px #979ED1; box-shadow:4px 4px 4px  
4px #979ED1 }
```

# Background

The CSS property to change the background color of an element to Hex 979ED1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#979ED1 }
```

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

```
.background{ background-color:#979ED1 }
```

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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