

Converting Colors

Hex(939ED5)

Have a look what the booklet for
Hex(939ED5) contains.

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Color

Hex(939ED5)

Conversions

Conversions Part 1

Format	Color
Hex	939ED5
RGB	147, 158, 213
RGB Percent	58%, 62%, 84%
CMY	0.4235, 0.3804, 0.1647
CMYK	0.31, 0.26, 0.00, 0.16
HSL	230°, 44%, 71%
HSV	230°, 31%, 84%
XYZ	36.2697, 35.4609, 67.8838
YIQ	160.9810, -24.2110, 14.7730

Conversions

Conversions Part 2

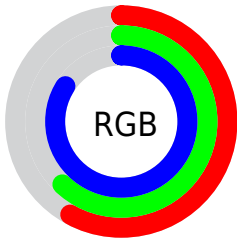
Format	Color
R_{YB}	147, 156, 213
Decimal	9674453
CIE Lab	66.11, 8.76, -29.29
CIE LCh	66, 30.576, 286.648
Yxy	35.4609, 0.2598, 0.2540
Android (android.graphics.Color)	4287864533 (0xFF939ED5)
YUV	160.9810, 25.6454, -12.2613
Hunter-Lab	59.5490, 4.5088, -25.9042

Details

The Hex color **939ED5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5CA93**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **CAD5FF**, and **5E6B9E** is the 20% darker color. If you saturate the color by 10%, you get **7E8CD5**, and if you desaturate by 10%, it is **A8B0D5**.

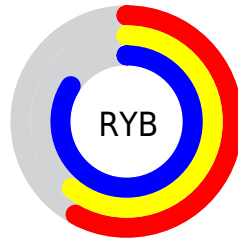
Distribution



Red (58%)

Green (62%)

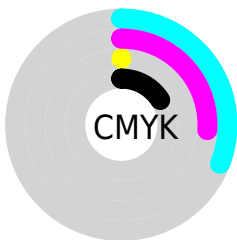
Blue (84%)



Red (58%)

Yellow (61%)

Blue (84%)

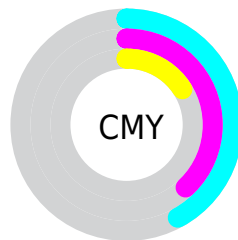


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 939ED5 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 939ED5 by changing the saturation by 10% instead.

■ 939ED5

■ 939ED5

FFFFFF

■ 7884B9

■ CAD5FF

■ 5E6B9E

■ E7F1FF

■ 455384

■ 2B3C6A

■ 0F2652

■ 00123B

■ 000225

■ 00010D

■ 000000

 939ED5

 939ED5

 7E8CD5

 A8B0D5

 687BD5

 BEC2D5

 5369D5

 D3D3D5

 3E57D5

 E8E5D5

 2845D5

 FEF7D5

 1334D5

 FFFFD5

 0024D5

Harmonies

Analogous

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



69A7D5



939ED5



B794C7

Triad

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



939ED5



D1927A



65AF93

Complementary

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



939ED5



D5CA93

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.



85AB7A



939ED5



BF9B6C

Square

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



939ED5



D78C92



A4A46C



49B0AF

Rectangle

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



939ED5



C98FB7



A4A46C



6FAE8A

Sweetspot

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



939ED5



E8ECFF



93D5CA



717480



000000



808080

Same Dimension

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



939ED5



A1B0FF



A993D5



60626B



001CAB



00072B

Inverse Universe

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



D5939E



FFA1B0



BFD593



6B6062



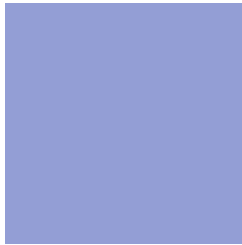
AB001C



2B0007

Previews

White Background



This preview shows how the Hex color 939ED5 looks on a white background.

Color Contrast Check

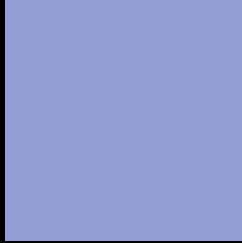
Large Text (above 18pt) WCAG AA × Fail

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 939ED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

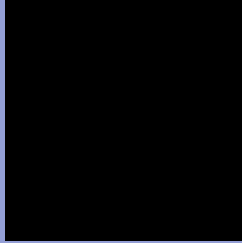
Any Text WCAG AA ✓ Pass

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 939ED5 Background



This preview shows how black text looks on a background with the Hex color 939ED5.



This preview shows how white text looks on a background with the Hex color 939ED5.

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
939ED5

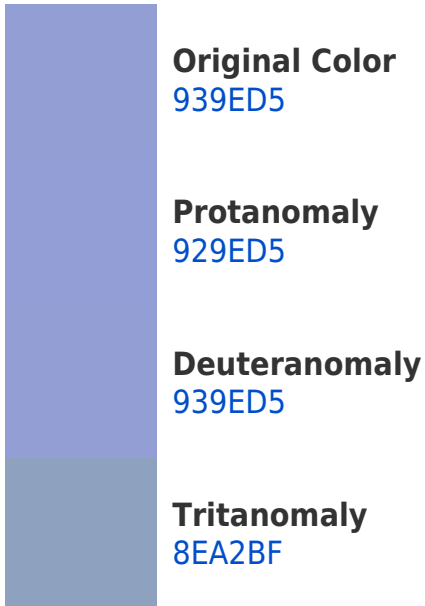
Protanopia
919ED5

Deuteranopia
939ED5

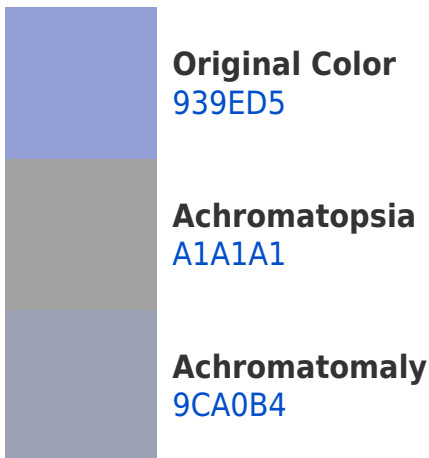


Tritanopia
8BA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 939ED5 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 #939ED5 looks like.

```
.text, #text, p{  
    color:#939ED5  
}
```

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 #939ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #939ED5
}
```

Border

The CSS property to change the border of an element to Hex 939ED5 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
#939ED5 }
```

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

```
.border{ border-color:#939ED5 }
```

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

Here you see how a box with a 4 pixel #939ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #939ED5; -webkit-box-shadow:4px 4px  
4px 4px #939ED5; box-shadow:4px 4px 4px  
4px #939ED5 }
```

Background

The CSS property to change the background color of an element to Hex 939ED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#939ED5 }
```

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

```
.background{ background-color:#939ED5 }
```

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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