

# Converting Colors

Hex(959FC6)

Have a look what the booklet for  
Hex(959FC6) contains.

<b>Hex(959FC6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(959FC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959FC6
RGB	149, 159, 198
RGB Percent	58%, 62%, 78%
CMY	0.4157, 0.3765, 0.2235
CMYK	0.25, 0.20, 0.00, 0.22
HSL	228°, 30%, 68%
HSV	228°, 25%, 78%
XYZ	34.9856, 35.2631, 58.3886
YIQ	160.4560, -18.4790, 10.0090

# Conversions

## Conversions Part 2

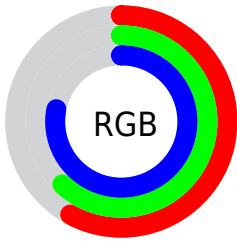
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 157, 198
Decimal	9805766
CIELab	65.95, 5.09, -21.19
CIElCh	66, 21.791, 283.502
Yxy	35.2631, 0.2720, 0.2741
Android (android.graphics.Color)	4287995846 (0xFF959FC6)
YUV	160.4560, 18.5092, -10.0469
Hunter-Lab	59.3827, 1.2444, -16.7296

# Details

The Hex color **959FC6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C6BC95**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **CCD6FF**, and **616C90** is the 20% darker color. If you saturate the color by 10%, you get **818FC6**, and if you desaturate by 10%, it is **A9AFC6**.

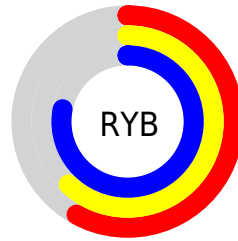
# Distribution



Red (58%)

Green (62%)

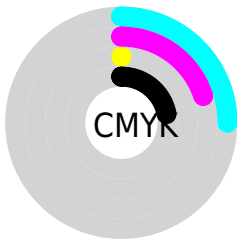
Blue (78%)



Red (58%)

Yellow (62%)

Blue (78%)

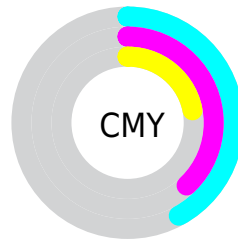


Cyan (25%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (42%)

Magenta (38%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959FC6 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 959FC6 by changing the saturation by 10% instead.



■ 959FC6

■ 959FC6

FFFFFF

■ 7B85AB

■ CCD6FF

■ 616C90

■ E8F2FF

■ 485476

■ 303D5E

■ 192746

■ 01122F

■ 00011A

■ 000000

■ 959FC6

■ 959FC6

 818FC6

 A9AFC6

 6D7FC6

 BDBFC6

 5A70C6

 D0CEC6

 4660C6

 E4DEC6

 3250C6

 F8EEC6

 1E40C6

 FFFEC6

 0A31C6

 FFFFC6

 0028C6

# Harmonies

## Analogous

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



7BA5C5



959FC6



AE98BD

# Triad

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



959FC6



C59586



7AAB95

# Complementary

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



959FC6



C6BC95

# 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.



90A783



959FC6



B99B7B

# Square

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



959FC6



C89298



A6A27A



6BABA9

# Rectangle

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



959FC6



BC95B2



A6A27A



81AA8E



# Sweetspot

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



959FC6



EDF1FF



95C6BB



757780



000000



808080



# Same Dimension

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



959FC6



B3C2FF



A395C6



5A5C63



0021A3



000724



# Inverse Universe

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



C6959F



FFB3C2



B8C695



635A5C



A30021

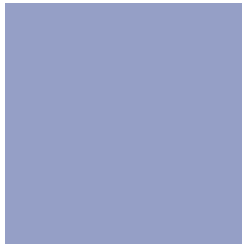


240007



# Previews

## White Background



This preview shows how the Hex color 959FC6 looks on a white background.

## Color Contrast Check

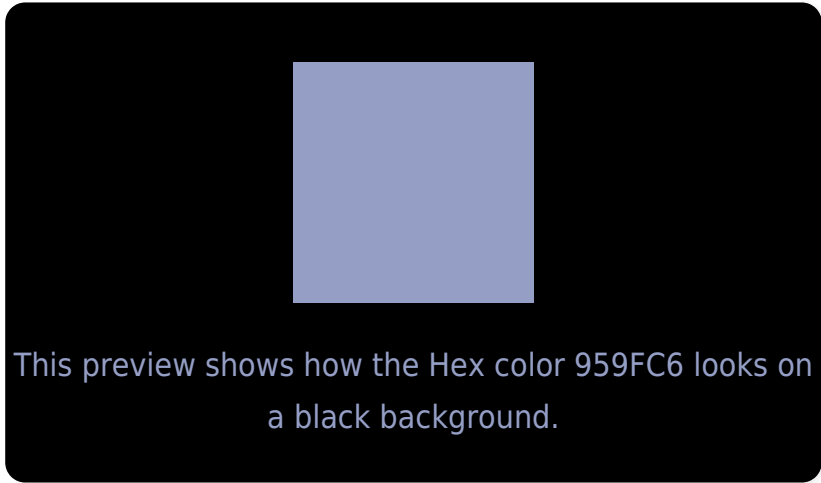
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

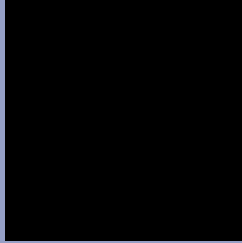
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

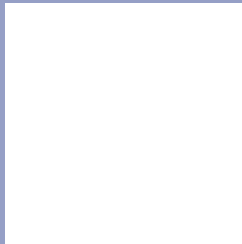
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 959FC6 Background



This preview shows how black text looks on a background with the Hex color 959FC6.



This preview shows how white text looks on a background with the Hex color 959FC6.

# 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**  
959FC6

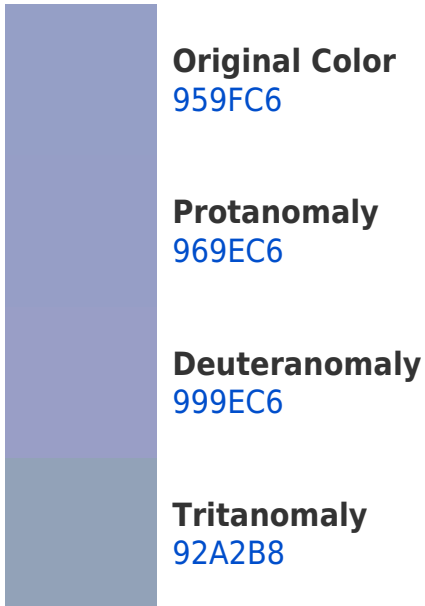
**Protanopia**  
979EC6

**Deuteranopia**  
9C9DC6

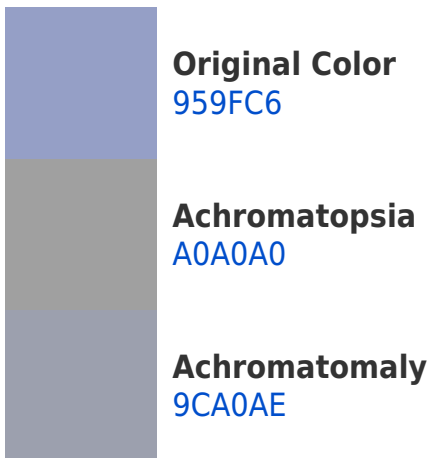


**Tritanopia**  
91A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959FC6 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 #959FC6 looks like.

```
.text, #text, p{  
    color:#959FC6  
}
```

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 #959FC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959FC6  
}
```

## Border

The CSS property to change the border of an element to Hex 959FC6 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  
#959FC6 }
```

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

```
.border{ border-color:#959FC6 }
```

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

Here you see how a box with a 4 pixel #959FC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959FC6; -webkit-box-shadow:4px 4px  
4px 4px #959FC6; box-shadow:4px 4px 4px  
4px #959FC6 }
```

# Background

The CSS property to change the background color of an element to Hex 959FC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959FC6 }
```

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

```
.background{ background-color:#959FC6 }
```

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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