

# Converting Colors

Hex(959FD6)

Have a look what the booklet for  
Hex(959FD6) contains.

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# **Color**

**Hex(959FD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959FD6
RGB	149, 159, 214
RGB Percent	58%, 62%, 84%
CMY	0.4157, 0.3765, 0.1608
CMYK	0.30, 0.26, 0.00, 0.16
HSL	231°, 44%, 71%
HSV	231°, 30%, 84%
XYZ	36.9302, 36.0409, 68.6285
YIQ	162.2800, -23.6150, 14.9850

# Conversions

## Conversions Part 2

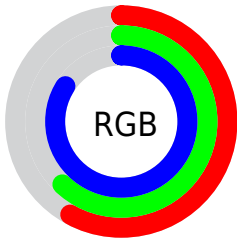
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 158, 214
Decimal	9805782
CIE Lab	66.55, 9.03, -29.15
CIE LCh	67, 30.516, 287.210
Yxy	36.0409, 0.2608, 0.2545
Android (android.graphics.Color)	4287995862 (0xFF959FD6)
YUV	162.2800, 25.4980, -11.6466
Hunter-Lab	60.0341, 4.7453, -25.7541

# Details

The Hex color **959FD6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D6CC95**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **CCD6FF**, and **606C9F** is the 20% darker color. If you saturate the color by 10%, you get **808DD6**, and if you desaturate by 10%, it is **AAB1D6**.

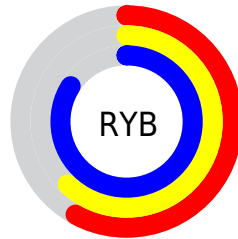
# Distribution



Red (58%)

Green (62%)

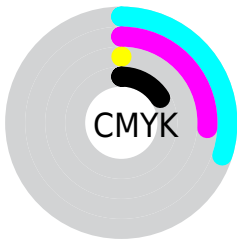
Blue (84%)



Red (58%)

Yellow (62%)

Blue (84%)

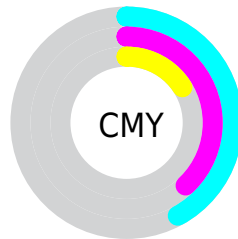


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (16%)



Cyan (42%)

Magenta (38%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959FD6 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 959FD6 by changing the saturation by 10% instead.



■ 959FD6

■ 959FD6

FFFFFF

■ 7A85BA

■ CCD6FF

■ 606C9F

■ E9F2FF

■ 475485

■ 2D3D6B

■ 122753

■ 00133B

■ 000225

■ 00010E

■ 000000

 959FD6

 959FD6

 808DD6

 AAB1D6

 6A7BD6

 C0C3D6

 5569D6

 D5D5D6

 3F57D6

 EBE7D6

 2A44D6

 FFFAD6

 1532D6

 FFFFD6

 0021D6

# Harmonies

## Analogous

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



6BA8D7



959FD6



B995C7

# Triad

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



959FD6



D2937B



65B095

# Complementary

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



959FD6



D6CC95

# 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.



86AC7C



959FD6



BF9C6D

# Square

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



959FD6



D98E93



A5A56D



4BB1B1

# Rectangle

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



959FD6



CA90B8



A5A56D



70AF8C



# Sweetspot

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



959FD6



E8ECFF



95D6CB



717480



000000



808080



# Same Dimension

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



959FD6



A3B1FF



AB95D6



60626B



001AAB



00072B



# Inverse Universe

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



D6959F



FFA3B1



C0D695



6B6062



AB001A

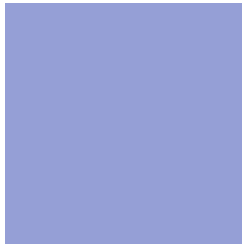


2B0007



# Previews

## White Background



This preview shows how the Hex color 959FD6 looks on a white background.

## Color Contrast Check

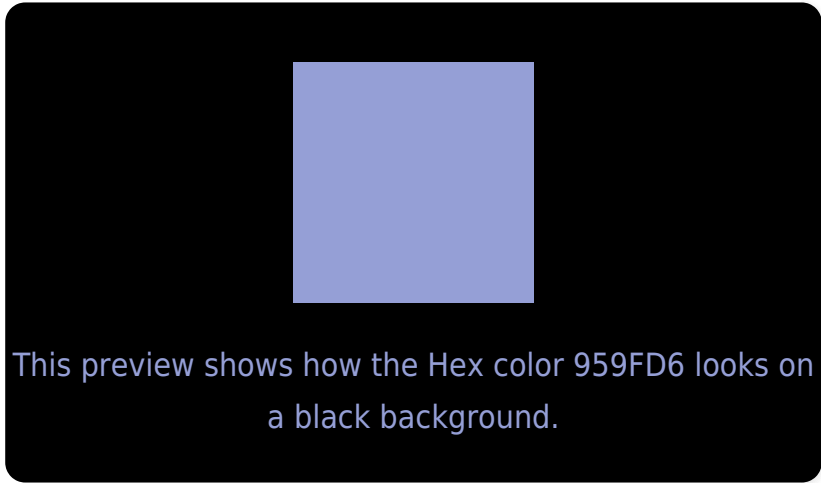
Large Text (above 18pt) WCAG AA × Fail

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

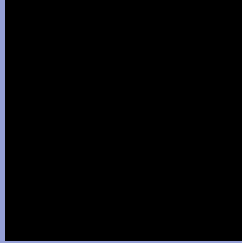
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 959FD6 Background



This preview shows how black text looks on a background with the Hex color 959FD6.



This preview shows how white text looks on a background with the Hex color 959FD6.

# 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**  
959FD6

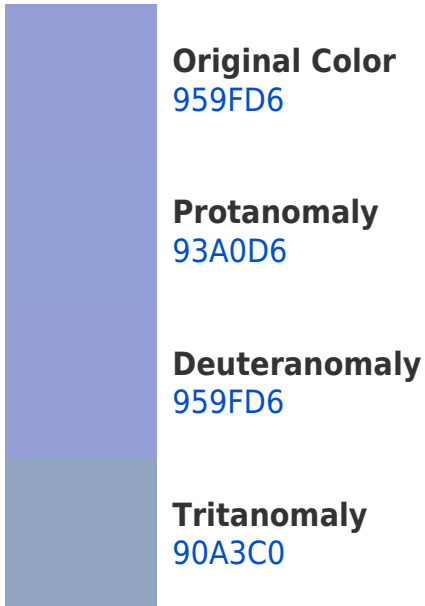
**Protanopia**  
92A0D6

**Deuteranopia**  
959FD6

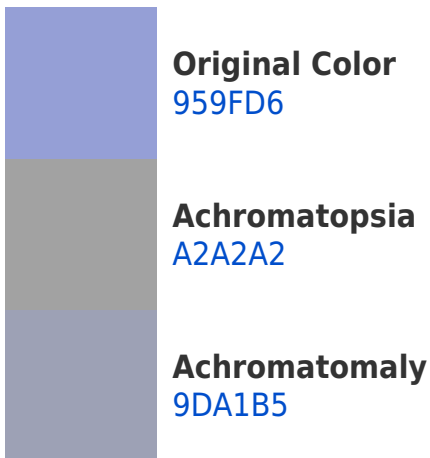


**Tritanopia**  
8DA6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959FD6 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 #959FD6 looks like.

```
.text, #text, p{  
    color:#959FD6  
}
```

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 #959FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959FD6  
}
```

## Border

The CSS property to change the border of an element to Hex 959FD6 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  
#959FD6 }
```

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

```
.border{ border-color:#959FD6 }
```

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

Here you see how a box with a 4 pixel #959FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959FD6; -webkit-box-shadow:4px 4px  
4px 4px #959FD6; box-shadow:4px 4px 4px  
4px #959FD6 }
```

# Background

The CSS property to change the background color of an element to Hex 959FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959FD6 }
```

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

```
.background{ background-color:#959FD6 }
```

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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