

Converting Colors

Hex(959DFD)

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

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Color

Hex(959DFD)

Conversions

Conversions Part 1

Format	Color
Hex	959DFD
RGB	149, 157, 253
RGB Percent	58%, 62%, 99%
CMY	0.4157, 0.3843, 0.0078
CMYK	0.41, 0.38, 0.00, 0.01
HSL	235°, 96%, 79%
HSV	235°, 41%, 99%
XYZ	42.1810, 37.5954, 97.9620
YIQ	165.5520, -35.5840, 28.1600

Conversions

Conversions Part 2

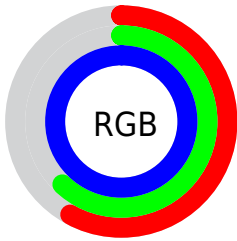
Format	Color
RYB	149, 156, 253
Decimal	9805309
CIELab	67.72, 20.52, -48.73
CIELCh	68, 52.872, 292.833
Yxy	37.5954, 0.2373, 0.2115
Android (android.graphics.Color)	4287995389 (0xFF959DFD)
YUV	165.5520, 43.1119, -14.5161
Hunter-Lab	61.3150, 15.4958, -51.8060

Details

The Hex color **959DFD** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FD595**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **CFD3FF**, and **5C6AC4** is the 20% darker color. If you saturate the color by 10%, you get **7C86FD**, and if you desaturate by 10%, it is **AEB4FD**.

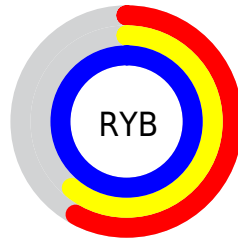
Distribution



Red (58%)

Green (62%)

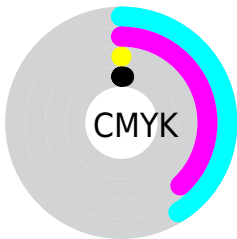
Blue (99%)



Red (58%)

Yellow (61%)

Blue (99%)

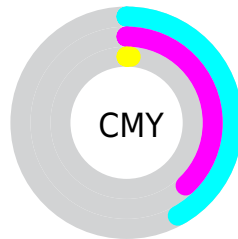


Cyan (41%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (42%)

Magenta (38%)

Yellow (1%)

Brightness & Saturation Gradients

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

 959DFD

 959DFD

FFFFFF


 7983E0

 CFD3FF

 5C6AC4

 ECF0FF

 3F52A8

 1E3B8D

 002673

 00135A

 000042

 00032B

 000115

■ 959DFD

■ 959DFD

■ 7C86FD

■ AEB4FD

■ 626EFD

■ C8CCFD

■ 4957FD

■ E1E3FD

■ 3040FD

■ FAFAFD

■ 1628FD

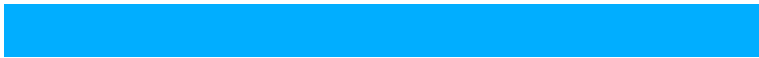
FFFFFD

■ 0013FD

Harmonies

Analogous

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



01AEFF



959DFD



D58ADF

Triad

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



959DFD



ED8D5A



00BC98

Complementary

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



959DFD



FDF595

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.



63B769



959DFD



CA9E43

Square

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



959DFD



FD7E83



9CAD49



00BDC9

Rectangle

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



959DFD



EF80C2



9CAD49



1FBB87

Sweetspot

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



959DFD



E0E3FF



95DF4



6E6F80



000000



808080

Same Dimension

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



959DFD



828CFF



C095FD



737480



000FBF



000540

Inverse Universe

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



FD959D



FF828C



D2FD95



807374



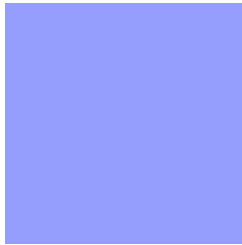
BF000F



400005

Previews

White Background



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

Color Contrast Check

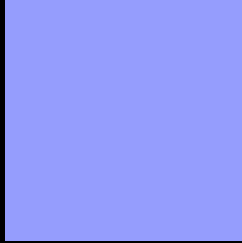
Large Text (above 18pt) WCAG AA × Fail

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 959DFD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

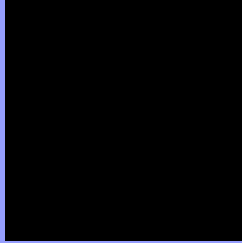
Any Text WCAG AA ✓ Pass

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 959DFD Background



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



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

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](#).

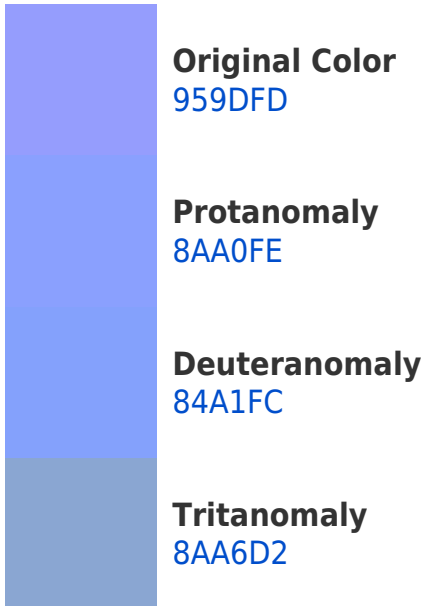
Dichromacy



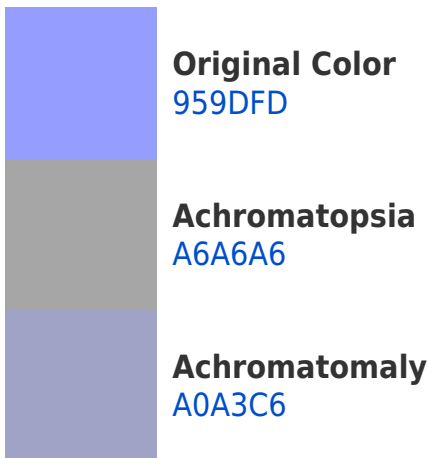


Tritanopia
84ABB9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #959DFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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