

Converting Colors

Hex(959EFE)

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

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Color

Hex(959EFE)

Conversions

Conversions Part 1

Format	Color
Hex	959EFE
RGB	149, 158, 254
RGB Percent	58%, 62%, 100%
CMY	0.4157, 0.3804, 0.0039
CMYK	0.41, 0.38, 0.00, 0.00
HSL	235°, 98%, 79%
HSV	235°, 41%, 100%
XYZ	42.5107, 37.9990, 98.8599
YIQ	166.2530, -36.1800, 27.9480

Conversions

Conversions Part 2

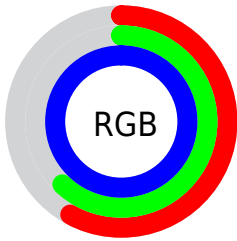
Format	Color
R_{YB}	149, 157, 254
Decimal	9805566
CIE _{Lab}	68.02, 20.22, -48.80
CIE _{LCh}	68, 52.826, 292.506
Yxy	37.9990, 0.2370, 0.2118
Android (android.graphics.Color)	4287995646 (0xFF959EFE)
YUV	166.2530, 43.2593, -15.1309
Hunter-Lab	61.6434, 15.2218, -51.9354

Details

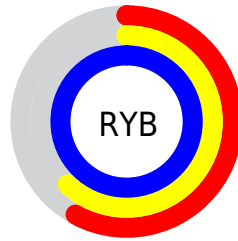
The Hex color **959EFE** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **FEF595**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **CFD4FF**, and **5C6BC5** is the 20% darker color. If you saturate the color by 10%, you get **7C87FE**, and if you desaturate by 10%, it is **AEB5FE**.

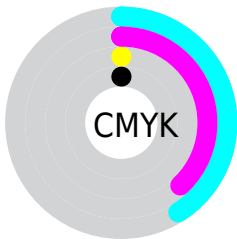
Distribution



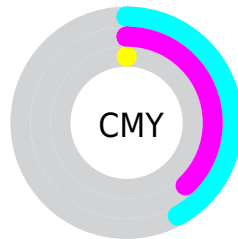
- Red (58%)
- Green (62%)
- Blue (100%)



- Red (58%)
- Yellow (62%)
- Blue (100%)



- Cyan (41%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 959EFE

 959EFE

FFFFFF

 7984E1

 CFD4FF

 5C6BC5

 ECF1FF

 3F53A9

 1D3C8E

 002774

 00145B

 000043

 00032C

 000116

 959EFE

 959EFE

 7C87FE

 AEB5FE

 6270FE

 C8CCFE

 4958FE

 E1E4FE

 2F41FE

 FBFBF E

 162AFE

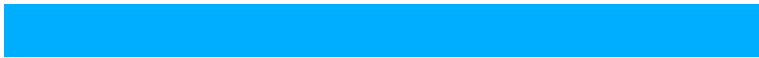
FFFFFFE

 0016FE

Harmonies

Analogous

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



00AEFF



959EFE



D58BE0

Triad

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



959EFE



EE8D5B



00BD98

Complementary

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



959EFE



FEF595

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.



64B869



959EFE



CC9F44

Square

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



959EFE



FE7F84



9EAE49



00BDC9

Rectangle

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



959EFE



EF81C4



9EAE49



23BC87

Sweetspot

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



959EFE



E0E3FF



95FEF3



6E6F80



000000



808080

Same Dimension

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



959EFE



808AFF



BF95FE



737480



0010BF



000540

Inverse Universe

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



FE959E



FF808A



D4FE95



807374



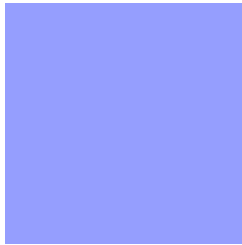
BF0010



400005

Previews

White Background



This preview shows how the Hex color 959EFE 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

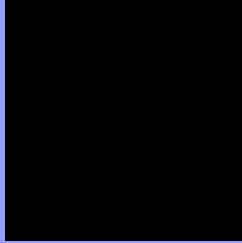
Any Text WCAG AA ✓ Pass

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 959EFE Background



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



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

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](#).

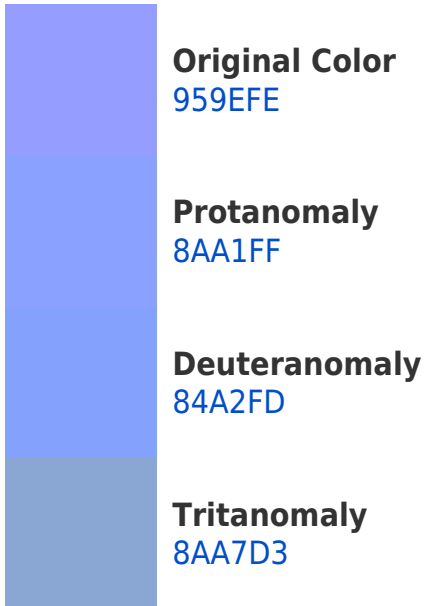
Dichromacy



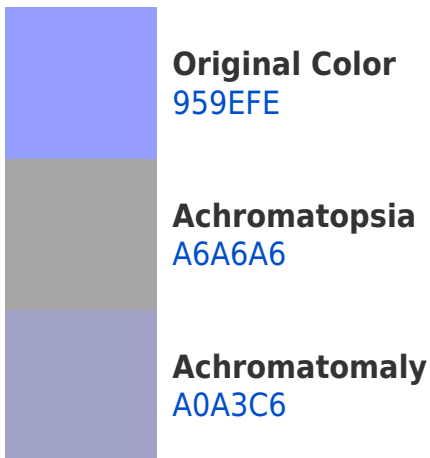


Tritanopia
84ACBA

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #959EFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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