

# Converting Colors

Hex(95ACFD)

Have a look what the booklet for  
Hex(95ACFD) contains.

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# **Color**

**Hex(95ACFD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95ACFD
RGB	149, 172, 253
RGB Percent	58%, 67%, 99%
CMY	0.4157, 0.3255, 0.0078
CMYK	0.41, 0.32, 0.00, 0.01
HSL	227°, 96%, 79%
HSV	227°, 41%, 99%
XYZ	44.8766, 42.9865, 98.8605
YIQ	174.3570, -39.7090, 20.3150

# Conversions

## Conversions Part 2

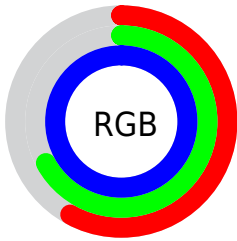
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	149, 168, 253
Decimal	9809149
CIELab	71.55, 11.99, -42.72
CIELCh	72, 44.374, 285.675
Yxy	42.9865, 0.2403, 0.2302
Android (android.graphics.Color)	4287999229 (0xFF95ACFD)
YUV	174.3570, 38.7710, -22.2381
Hunter-Lab	65.5641, 7.4406, -43.5053

# Details

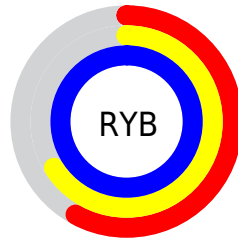
The Hex color **95ACFD** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FDE695**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CEE3FF**, and **5D78C4** is the 20% darker color. If you saturate the color by 10%, you get **7C98FD**, and if you desaturate by 10%, it is **AEC0FD**.

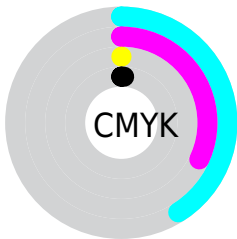
# Distribution



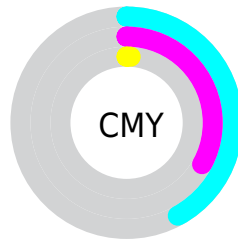
- Red (58%)
- Green (67%)
- Blue (99%)



- Red (58%)
- Yellow (66%)
- Blue (99%)



- Cyan (41%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (33%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95ACFD 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 95ACFD by changing the saturation by 10% instead.



 95ACFD

 95ACFD

FFFFFF

 7992E0

 CEE3FF

 5D78C4

 ECFFFF

 405FA8

 20488E

 003274

 001E5B

 000343

 00032C

 000116

 95ACFD

 95ACFD

 7C98FD

 AEC0FD

 6285FD

 C8D3FD

 4971FD

 E1E7FD

 305DFD

 FAFBFD

 1649FD

FFFFFFD

 0038FD

# Harmonies

## Analogous

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



43B9FD



95ACFD



CE9DE8

# Triad

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



95ACFD



F49877



4DC39A

# Complementary

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



95ACFD



FDE695

# 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.



86BE75



95ACFD



D9A660

# Square

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



95ACFD



FD8F9B



B4B45F



00C4C4

# Rectangle

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



95ACFD



E894D1



B4B45F



62C28D



# Sweetspot

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



95ACFD



E0E7FF



95FDE5



6E7280



000000



808080



# Same Dimension

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



95ACFD



829EFF



B195FD



737680



002ABF



000E40



# Inverse Universe

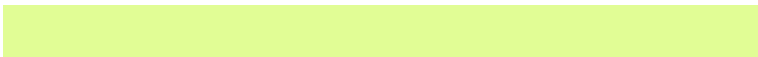
The Inverse Universe completely reimagines the original color for something new.



FD95AC



FF829E



E1FD95



807376



BF002A



40000E



# Previews

## White Background



This preview shows how the Hex color 95ACFD looks on a white background.

## Color Contrast Check

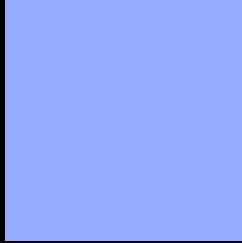
Large Text (above 18pt) WCAG AA × Fail

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 95ACFD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

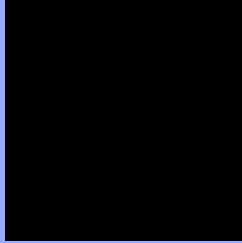
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95ACFD Background



This preview shows how black text looks on a background with the Hex color 95ACFD.



This preview shows how white text looks on a background with the Hex color 95ACFD.

# 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](#).

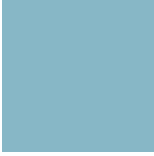
## Dichromacy



**Original Color**  
95ACFD

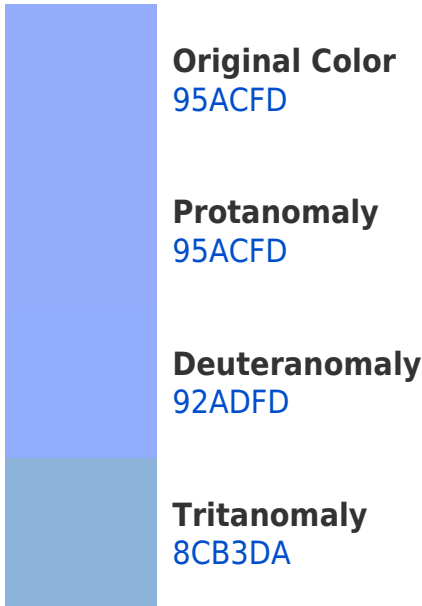
**Protanopia**  
95ACFD

**Deuteranopia**  
90ADFD

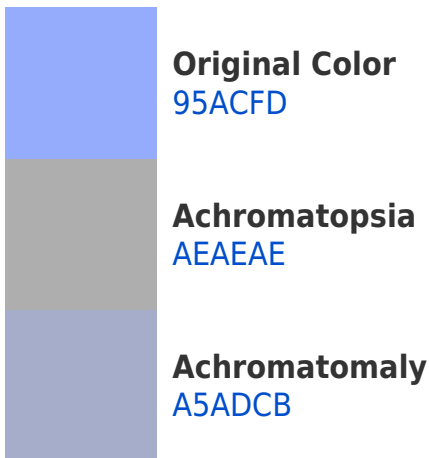


**Tritanopia**  
87B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95ACFD 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 #95ACFD looks like.

```
.text, #text, p{  
    color:#95ACFD  
}
```

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 #95ACFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95ACFD
}
```

## Border

The CSS property to change the border of an element to Hex 95ACFD 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
#95ACFD }
```

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

```
.border{ border-color:#95ACFD }
```

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

Here you see how a box with a 4 pixel #95ACFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95ACFD; -webkit-box-shadow:4px 4px  
4px 4px #95ACFD; box-shadow:4px 4px 4px  
4px #95ACFD }
```

# Background

The CSS property to change the background color of an element to Hex 95ACFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95ACFD }
```

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

```
.background{ background-color:#95ACFD }
```

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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