

# Converting Colors

Hex(93E8FC)

Have a look what the booklet for  
Hex(93E8FC) contains.

<b>Hex(93E8FC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93E8FC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93E8FC
RGB	147, 232, 252
RGB Percent	58%, 91%, 99%
CMY	0.4235, 0.0902, 0.0118
CMYK	0.42, 0.08, 0.00, 0.01
HSL	191°, 95%, 78%
HSV	191°, 42%, 99%
XYZ	58.4599, 70.9445, 102.7080
YIQ	208.8650, -57.0800, -11.8000

# Conversions

## Conversions Part 2

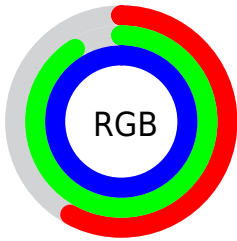
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 194, 252
Decimal	9693436
CIELab	87.46, -20.72, -17.77
CIELCh	87, 27.299, 220.611
Yxy	70.9445, 0.2519, 0.3056
Android (android.graphics.Color)	4287883516 (0xFF93E8FC)
YUV	208.8650, 21.2656, -54.2556
Hunter-Lab	84.2286, -23.5098, -13.3380

# Details

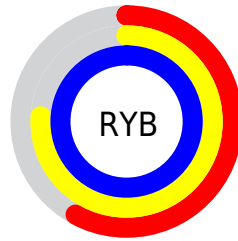
The Hex color **93E8FC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FCA793**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **CDFFFF**, and **59B0C3** is the 20% darker color. If you saturate the color by 10%, you get **7AE3FC**, and if you desaturate by 10%, it is **ACEDFC**.

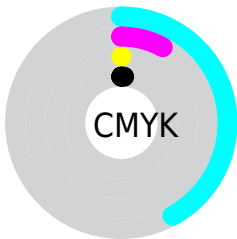
# Distribution



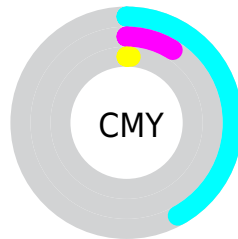
- Red (58%)
- Green (91%)
- Blue (99%)



- Red (58%)
- Yellow (76%)
- Blue (99%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (42%)
- Magenta (9%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93E8FC 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 93E8FC by changing the saturation by 10% instead.



 93E8FC

 93E8FC

FFFFFF

 76CCDF

 CDFFFF

 59B0C3

 EBFFFF

 3B95A8

 147B8E

 006274

 004A5C

 003344

 001F2E

 000119

 93E8FC

 93E8FC

 7AE3FC

 ACEDFC

 61DEFC

 C5F2FC

 47DAFC

 DFF6FC

 2ED5FC

 F8FBFC

 15D0FC

 FFFFC

 00CCFC

# Harmonies

## Analogous

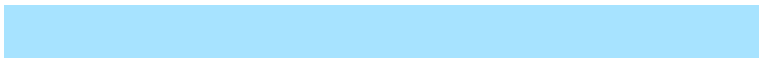
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96EAE4



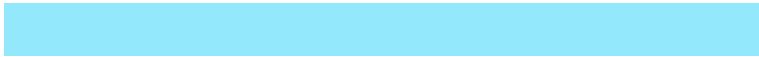
93E8FC



A7E3FF

# Triad

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



93E8FC



FFCBED



E5DCA8

# Complementary

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



93E8FC



FCA793

# 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.



FED4AB



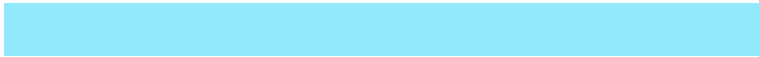
93E8FC



FFC9D3

# Square

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



93E8FC



EBD1FF



FFCCBB



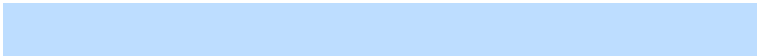
C8E4B3

# Rectangle

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



93E8FC



BDDDFE



FFCBBB

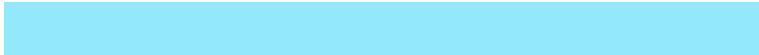


EEDAA7

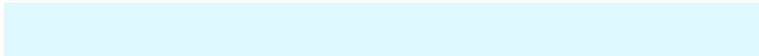


# Sweetspot

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



93E8FC



DEF9FF



93FCA6



6B7C80



000000



808080

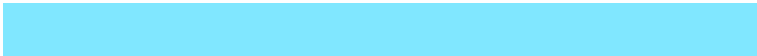


# Same Dimension

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



93E8FC



80E7FF



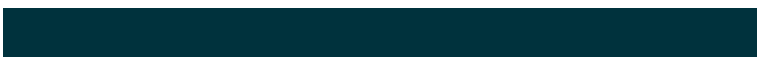
93B4FC



707B7D



0099BD



00323D



# Inverse Universe

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



FC93E8



FF80E7



FCDB93



7D707B



BD0099

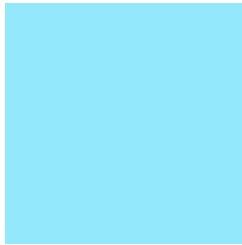


3D0032



# Previews

## White Background



This preview shows how the Hex color 93E8FC looks on a white background.

## Color Contrast Check

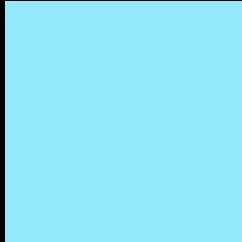
Large Text (above 18pt) WCAG AA × Fail

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 93E8FC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

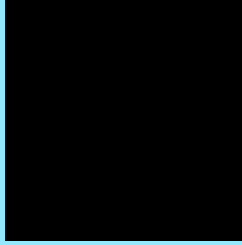
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93E8FC Background



This preview shows how black text looks on a background with the Hex color 93E8FC.

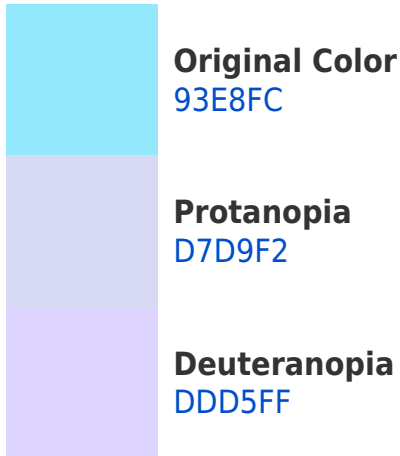


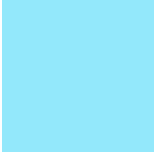
This preview shows how white text looks on a background with the Hex color 93E8FC.

# 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](#).

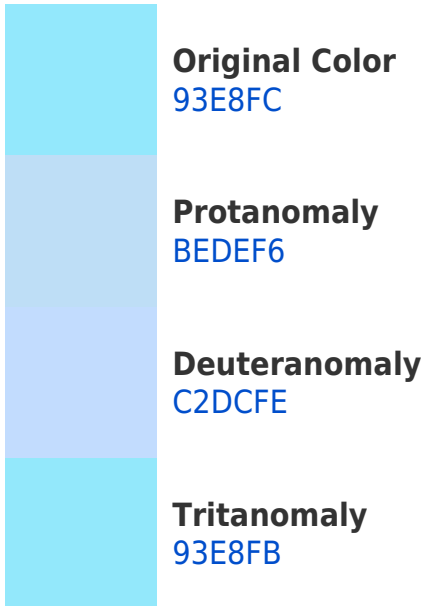
## Dichromacy



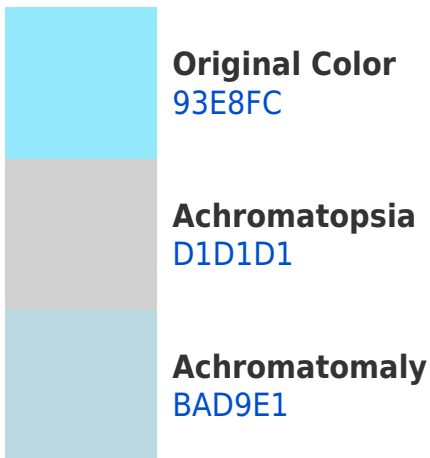


**Tritanopia**  
93E8FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93E8FC 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 #93E8FC looks like.

```
.text, #text, p{  
    color:#93E8FC  
}
```

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 #93E8FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E8FC
}
```

## Border

The CSS property to change the border of an element to Hex 93E8FC 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
#93E8FC }
```

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

```
.border{ border-color:#93E8FC }
```

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

Here you see how a box with a 4 pixel #93E8FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E8FC; -webkit-box-shadow:4px 4px  
4px 4px #93E8FC; box-shadow:4px 4px 4px  
4px #93E8FC }
```

# Background

The CSS property to change the background color of an element to Hex 93E8FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E8FC }
```

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

```
.background{ background-color:#93E8FC }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor