

Converting Colors

Hex(93EAFF)

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

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

Color

Hex(93EAFF)

Conversions

Conversions Part 1

Format	Color
Hex	93EAFF
RGB	147, 234, 255
RGB Percent	58%, 92%, 100%
CMY	0.4235, 0.0824, 0.0000
CMYK	0.42, 0.08, 0.00, 0.00
HSL	192°, 100%, 79%
HSV	192°, 42%, 100%
XYZ	59.5054, 72.2687, 105.4207
YIQ	210.3810, -58.5930, -11.9130

Conversions

Conversions Part 2

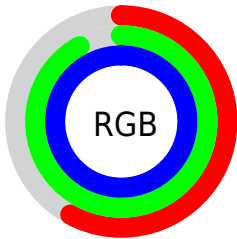
Format	Color
RYB	147, 195, 255
Decimal	9693951
CIELab	88.10, -20.96, -18.38
CIELCh	88, 27.877, 221.244
Yxy	72.2687, 0.2509, 0.3047
Android (android.graphics.Color)	4287884031 (0xFF93EAFf)
YUV	210.3810, 21.9972, -55.5851
Hunter-Lab	85.0110, -23.8240, -14.0169

Details

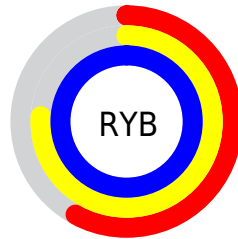
The Hex color **93EAFF** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **FFA893**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **CDFFFF**, and **59B2C6** is the 20% darker color. If you saturate the color by 10%, you get **7AE5FF**, and if you desaturate by 10%, it is **ACEFFF**.

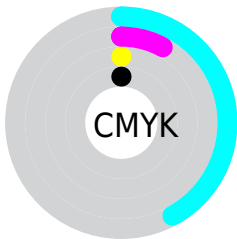
Distribution



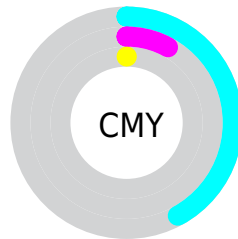
- Red (58%)
- Green (92%)
- Blue (100%)



- Red (58%)
- Yellow (76%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

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

 93EAF7

 93EAF7

FFFFFF


 76CEE2

 CDFEFC

 59B2C6

 EBF7FF

 3A97AB

 117D90

 006477

 004C5E

 003546

 002030

 00011B

 93E AFF

 93E AFF

 7AE5FF

 ACEFFF

 60E0FF

 C6F4FF

 46DBFF

 E0F9FF

 2DD6FF

 F9FEFF

 13D1FF

FFFFFF

 00CDFF

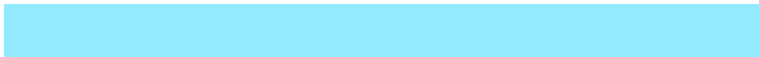
Harmonies

Analogous

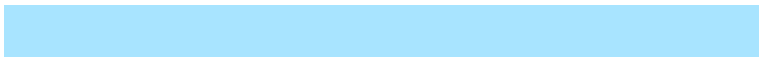
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96ECE6



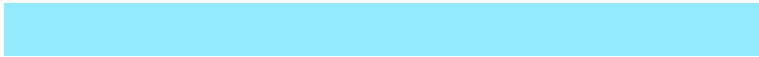
93EAFF



A8E4FF

Triad

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



93EAFF



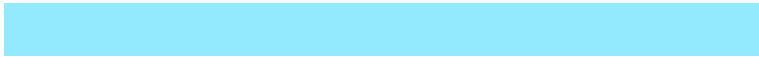
FFCCEF



E7DEA9

Complementary

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



93EAFB



FFA893

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.



FFD6AB



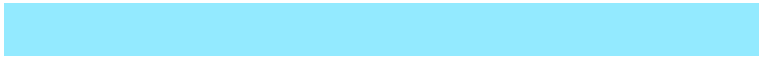
93EAFF



FFCAD4

Square

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



93EAFF



EED3FF



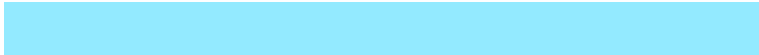
FFCEBB



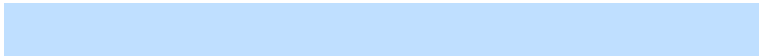
C9E6B5

Rectangle

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



93EAFF



BFDFFF



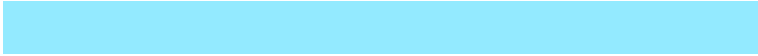
FFCEBB



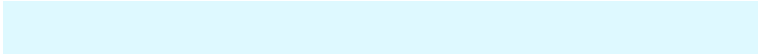
F0DCA8

Sweetspot

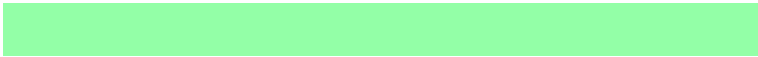
The Sweet Spot groups the original color and five complimentary colors.



93EAF7



DEF9FF



93FFA7



6B7C80



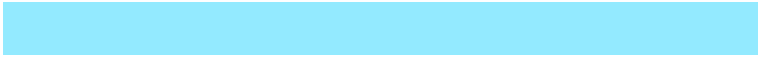
000000



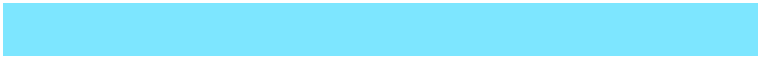
808080

Same Dimension

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



93EAFB



7DE6FF



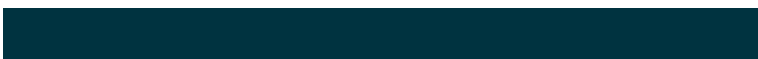
93B5FF



737D80



009ABF



003340

Inverse Universe

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



FF93EA



FF7DE6



FFDD93



80737D



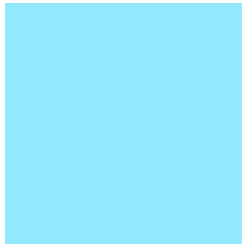
BF009A



400033

Previews

White Background



This preview shows how the Hex color 93EAF7 looks on a white background.

Color Contrast Check

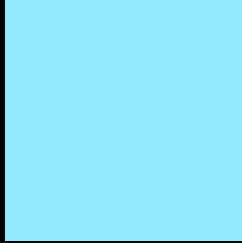
Large Text (above 18pt) WCAG AA × Fail

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 93EAFF 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 93EAFB Background



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

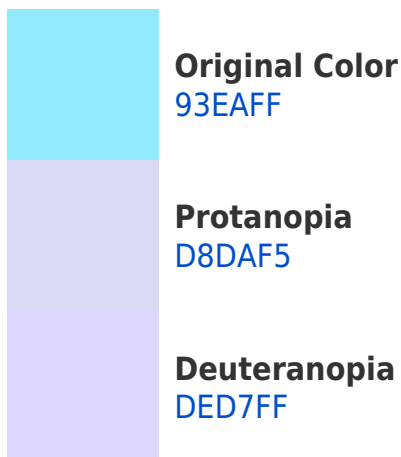


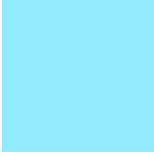
This preview shows how white text looks on a background with the Hex color 93EAFB.

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](#).

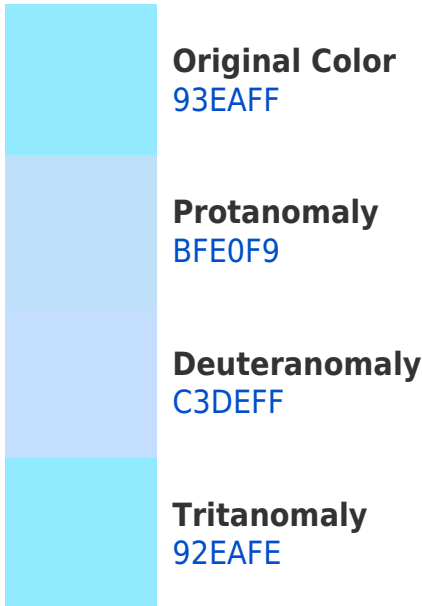
Dichromacy



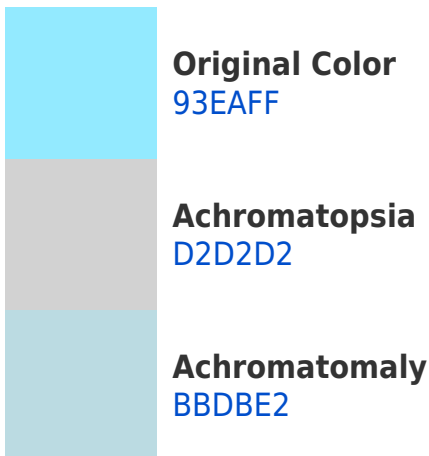


Tritanopia
92EAFD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93EAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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