

Converting Colors

Hex(93E3FF)

Have a look what the booklet for
Hex(93E3FF) contains.

Hex(93E3FF)	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(93E3FF)

Conversions

Conversions Part 1

Format	Color
Hex	93E3FF
RGB	147, 227, 255
RGB Percent	58%, 89%, 100%
CMY	0.4235, 0.1098, 0.0000
CMYK	0.42, 0.11, 0.00, 0.00
HSL	196°, 100%, 79%
HSV	196°, 42%, 100%
XYZ	57.5517, 68.3612, 104.7695
YIQ	206.2720, -56.6680, -8.2520

Conversions

Conversions Part 2

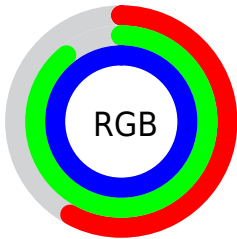
Format	Color
RYB	147, 193, 255
Decimal	9692159
CIELab	86.19, -17.46, -21.26
CIELCh	86, 27.513, 230.616
Yxy	68.3612, 0.2495, 0.2963
Android (android.graphics.Color)	4287882239 (0xFF93E3FF)
YUV	206.2720, 24.0229, -51.9815
Hunter-Lab	82.6808, -20.4429, -17.2531

Details

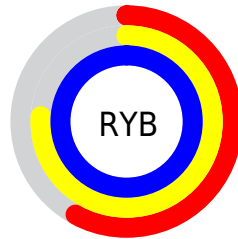
The Hex color **93E3FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAF93**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **CDFFFF**, and **59ACC6** is the 20% darker color. If you saturate the color by 10%, you get **7ADCFF**, and if you desaturate by 10%, it is **ACEAFF**.

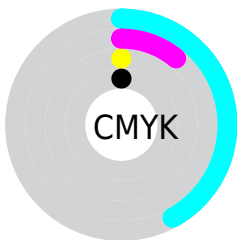
Distribution



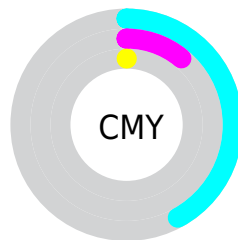
- Red (58%)
- Green (89%)
- Blue (100%)



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



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93E3FF 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 93E3FF by changing the saturation by 10% instead.

 93E3FF

 93E3FF

FFFFFF

 76C7E2

 CDFFFF

 59ACC6

 EBFFFF

 3B91AB

 147790

 005E77

 00475E

 003046

 001C30

 00011B

■ 93E3FF

■ 93E3FF

■ 7ADCFF

■ ACEAFF

■ 60D6FF

■ C6F0FF

■ 46CFFF

■ E0F7FF

■ 2DC9FF

■ F9FDFF

■ 13C2FF

FFFFFF

■ 00BDFF

Harmonies

Analogous

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



8EE6E9



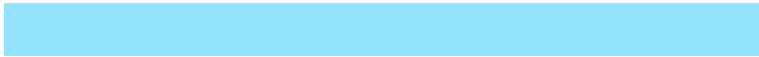
93E3FF



AEDCFF

Triad

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



93E3FF



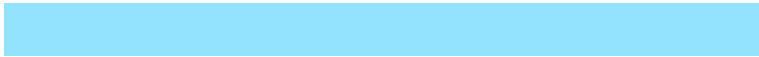
FFC6E1



D8DCA7

Complementary

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



93E3FF



FFAF93

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.



F3D3A5



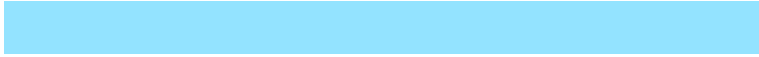
93E3FF



FFC6C6

Square

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



93E3FF



F1CBF9



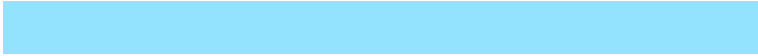
FFCBB0



BAE2B6

Rectangle

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



93E3FF



C5D7FF



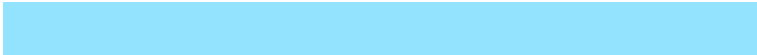
FFCBB0



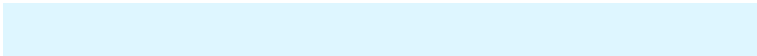
E2D9A4

Sweetspot

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



93E3FF



DEF6FF



93FFAE



6B7A80



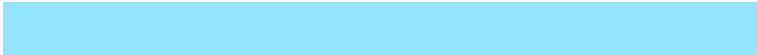
000000



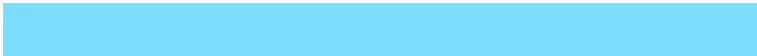
808080

Same Dimension

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



93E3FF



7DDDFE



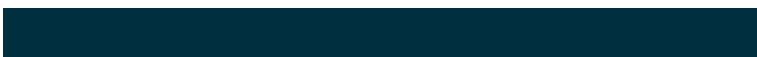
93AEFF



737C80



008EBF



002F40

Inverse Universe

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



FF93E3



FF7DDD



FFE493



80737C



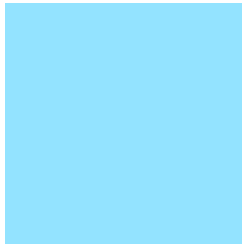
BF008E



40002F

Previews

White Background



This preview shows how the Hex color 93E3FF looks on a white background.

Color Contrast Check

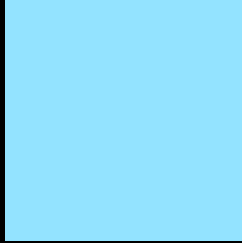
Large Text (above 18pt) WCAG AA × Fail

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 93E3FF 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 93E3FF Background



This preview shows how black text looks on a background with the Hex color 93E3FF.

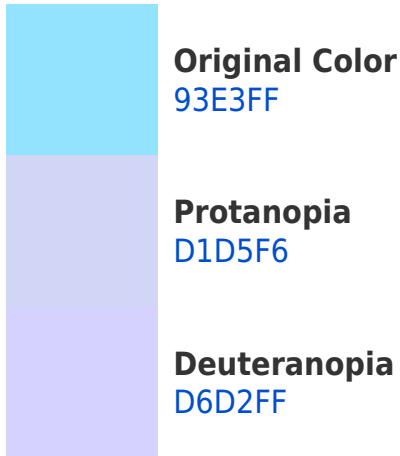


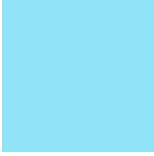
This preview shows how white text looks on a background with the Hex color 93E3FF.

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](#).

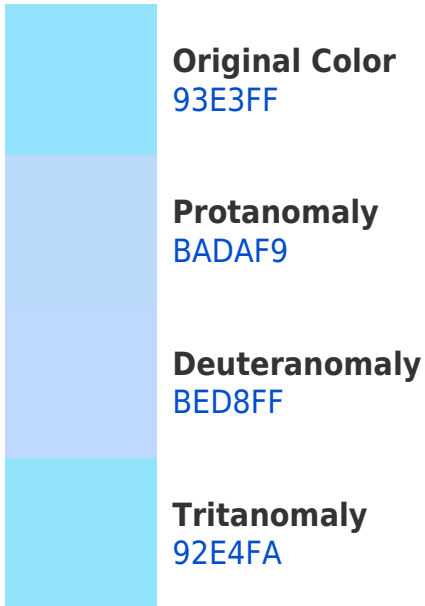
Dichromacy



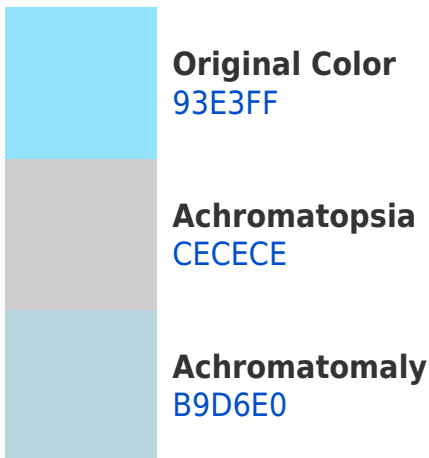


Tritanopia
91E4F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93E3FF 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 #93E3FF looks like.

```
.text, #text, p{  
    color:#93E3FF  
}
```

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 #93E3FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93E3FF
}
```

Border

The CSS property to change the border of an element to Hex 93E3FF 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
#93E3FF }
```

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

```
.border{ border-color:#93E3FF }
```

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

Here you see how a box with a 4 pixel #93E3FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93E3FF; -webkit-box-shadow:4px 4px  
4px 4px #93E3FF; box-shadow:4px 4px 4px  
4px #93E3FF }
```

Background

The CSS property to change the background color of an element to Hex 93E3FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93E3FF }
```

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

```
.background{ background-color:#93E3FF }
```

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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