

Converting Colors

Hex(93ABFF)

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

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Color

Hex(93ABFF)

Conversions

Conversions Part 1

Format	Color
Hex	93ABFF
RGB	147, 171, 255
RGB Percent	58%, 67%, 100%
CMY	0.4235, 0.3294, 0.0000
CMYK	0.42, 0.33, 0.00, 0.00
HSL	227°, 100%, 79%
HSV	227°, 42%, 100%
XYZ	44.6455, 42.5489, 100.4674
YIQ	173.4000, -41.2680, 21.0360

Conversions

Conversions Part 2

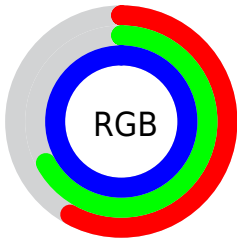
Format	Color
RYB	147, 167, 255
Decimal	9677823
CIELab	71.25, 12.60, -44.28
CIELCh	71, 46.040, 285.888
Yxy	42.5489, 0.2379, 0.2267
Android (android.graphics.Color)	4287867903 (0xFF93ABFF)
YUV	173.4000, 40.2288, -23.1528
Hunter-Lab	65.2295, 8.0205, -45.6587

Details

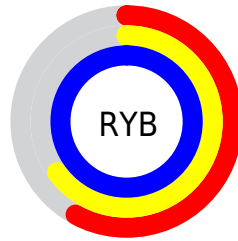
The Hex color **93ABFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFE793**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CCE2FF**, and **5A77C6** is the 20% darker color. If you saturate the color by 10%, you get **7A97FF**, and if you desaturate by 10%, it is **ACBFFF**.

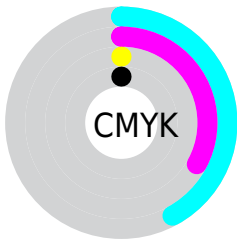
Distribution



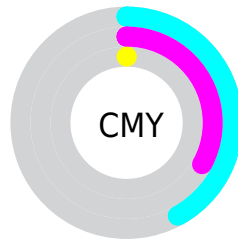
- Red (58%)
- Green (67%)
- Blue (100%)



- Red (58%)
- Yellow (65%)
- Blue (100%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 93ABFF

 93ABFF

FFFFFF

 7791E2

 CCE2FF

 5A77C6

 EAFFFF

 3D5FAA

 1A478F

 003175

 001D5C

 000244

 00032D

 000117

 93ABFF

 93ABFF

 7A97FF

 ACBFFF

 6083FF

 C6D3FF

 4670FF

 E0E7FF

 2D5CFF

 F9FAFF

 1348FF

FFFFFF

 0039FF

Harmonies

Analogous

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



37B9FF



93ABFF



CF9BE9

Triad

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



93ABFF



F59674



45C399

Complementary

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



93ABFF



FFE793

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.



83BD72



93ABFF



D9A55C

Square

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



93ABFF



FF8D9A



B2B35B



00C4C4

Rectangle

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



93ABFF



E992D2



B2B35B



5DC28B

Sweetspot

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



93ABFF



DEE5FF



93FFE6



6B7080



000000



808080

Same Dimension

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



93ABFF



7D9AFF



B093FF



737680



002BBF



000E40

Inverse Universe

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



FF93AB



FF7D9A



E2FF93



807376



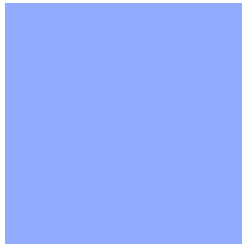
BF002B



40000E

Previews

White Background



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

Color Contrast Check

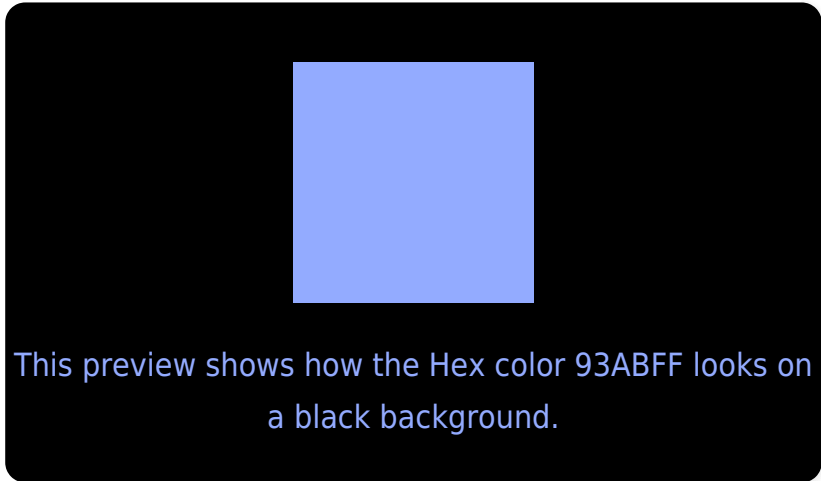
Large Text (above 18pt) WCAG AA × Fail

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

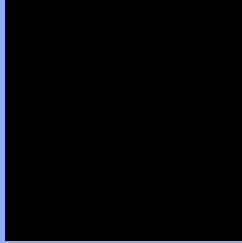
Any Text WCAG AA ✓ Pass

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 93ABFF Background



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



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

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
93ABFF

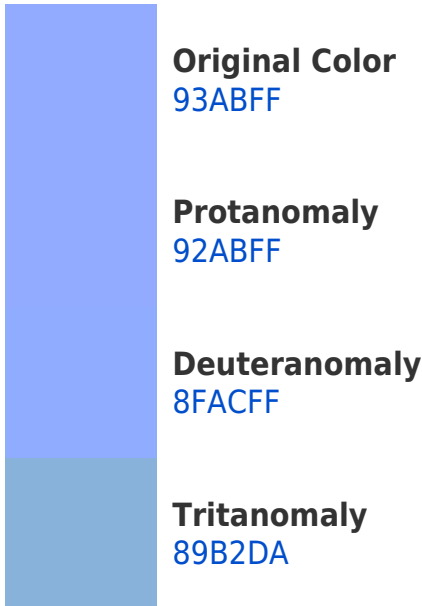
Protanopia
92ABFF

Deuteranopia
8CADFF

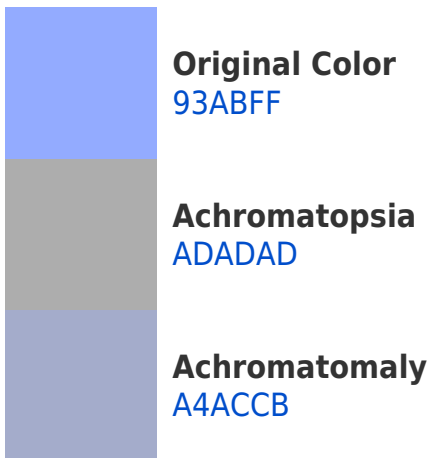


Tritanopia
84B6C5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93ABFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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