

Converting Colors

Hex(93B3E7)

Have a look what the booklet for
Hex(93B3E7) contains.

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Color

Hex(93B3E7)

Conversions

Conversions Part 1

Format	Color
Hex	93B3E7
RGB	147, 179, 231
RGB Percent	58%, 70%, 91%
CMY	0.4235, 0.2980, 0.0941
CMYK	0.36, 0.23, 0.00, 0.09
HSL	217°, 64%, 74%
HSV	217°, 36%, 91%
XYZ	42.5765, 44.2128, 81.8912
YIQ	175.3600, -35.7640, 9.3880

Conversions

Conversions Part 2

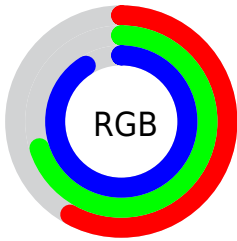
Format	Color
R_{YB}	147, 170, 231
Decimal	9679847
CIE _{Lab}	72.37, 1.67, -29.52
CIE _{LCh}	72, 29.566, 273.229
Yxy	44.2128, 0.2524, 0.2621
Android (android.graphics.Color)	4287869927 (0xFF93B3E7)
YUV	175.3600, 27.4305, -24.8717
Hunter-Lab	66.4927, -2.0653, -26.4756

Details

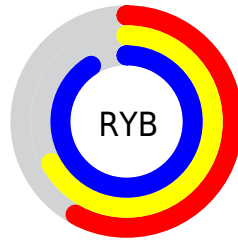
The Hex color **93B3E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7C793**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CBEBFF**, and **5D7EAF** is the 20% darker color. If you saturate the color by 10%, you get **7CA5E7**, and if you desaturate by 10%, it is **AAC1E7**.

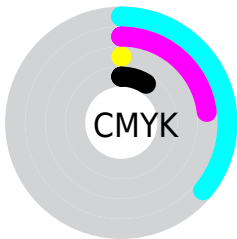
Distribution



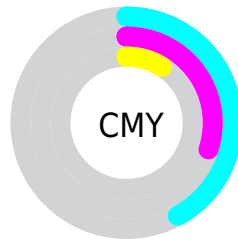
- Red (58%)
- Green (70%)
- Blue (91%)



- Red (58%)
- Yellow (67%)
- Blue (91%)



- Cyan (36%)
- Magenta (23%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B3E7 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 93B3E7 by changing the saturation by 10% instead.

■ 93B3E7

■ 93B3E7

FFFFFF

■ 7898CB

■ CBEBFF

■ 5D7EAF

■ E8FFFF

■ 426694

■ 264E7A

■ 003761

■ 002249

■ 000B33

■ 00021D

■ 000000

■ 93B3E7

■ 93B3E7

■ 7CA5E7

■ AAC1E7

■ 6596E7

■ C1D0E7

■ 4E88E7

■ D8DEE7

■ 377AE7

■ EFCEE7

■ 1F6CE7

■ FFFAE7

■ 085DE7

■ FFFFE7

■ 0058E7

Harmonies

Analogous

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



6EBBE1



93B3E7



B9A9DF

Triad

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



93B3E7



E6A095



85BE98

Complementary

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



93B3E7



E7C793

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.



A5B984



93B3E7



D9A882

Square

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



93B3E7



E69DB0



C2B17B



69C1B4

Rectangle

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



93B3E7



CEA4D2



C2B17B



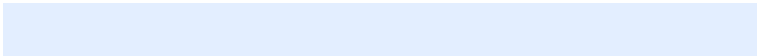
90BD90

Sweetspot

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



93B3E7



E3EEFF



93E7C7



6F7580



000000



808080

Same Dimension

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



93B3E7



8FBAFF



9D93E7



676C73



0044B3



001333

Inverse Universe

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



E793B3



FF8FBA



DDE793



73676C



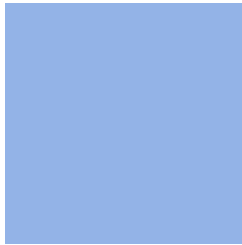
B30044



330013

Previews

White Background



This preview shows how the Hex color 93B3E7 looks on a white background.

Color Contrast Check

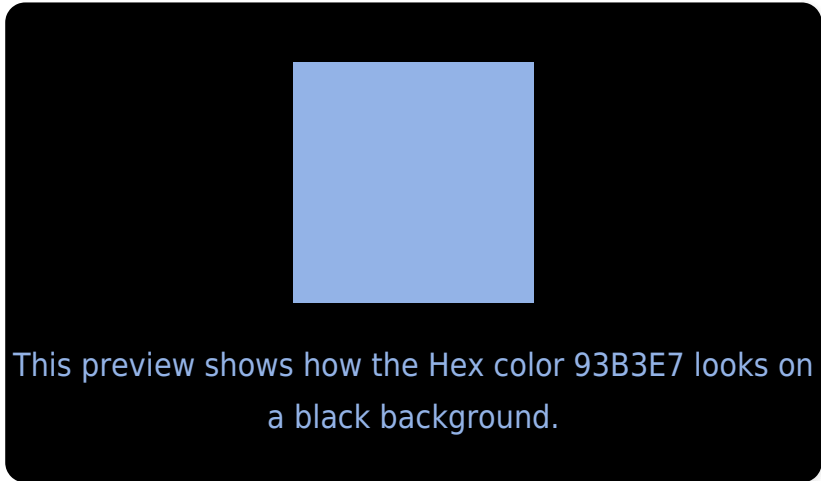
Large Text (above 18pt) WCAG AA × Fail

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

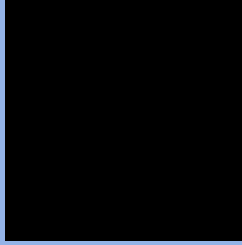
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

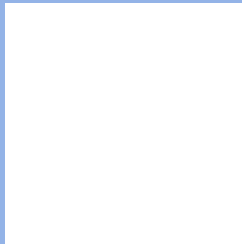
Any Text WCAG AAA ✓ Pass

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

Hex 93B3E7 Background



This preview shows how black text looks on a background with the Hex color 93B3E7.

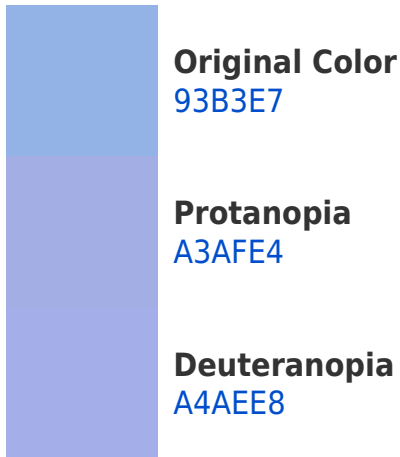


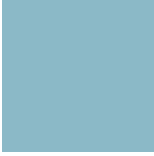
This preview shows how white text looks on a background with the Hex color 93B3E7.

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



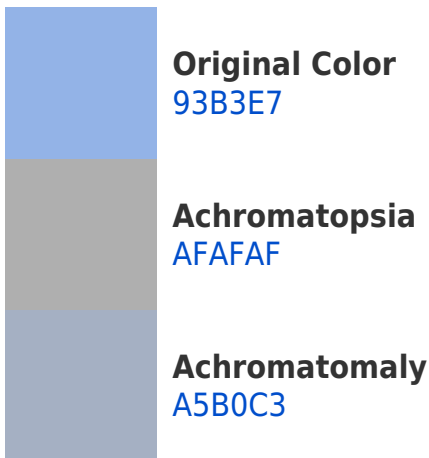


Tritanopia
8BB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B3E7 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 #93B3E7 looks like.

```
.text, #text, p{  
    color:#93B3E7  
}
```

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 #93B3E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B3E7
}
```

Border

The CSS property to change the border of an element to Hex 93B3E7 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
#93B3E7 }
```

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

```
.border{ border-color:#93B3E7 }
```

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

Here you see how a box with a 4 pixel #93B3E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B3E7; -webkit-box-shadow:4px 4px  
4px 4px #93B3E7; box-shadow:4px 4px 4px  
4px #93B3E7 }
```

Background

The CSS property to change the background color of an element to Hex 93B3E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B3E7 }
```

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

```
.background{ background-color:#93B3E7 }
```

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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