

Converting Colors

Hex(93B4E7)

Have a look what the booklet for
Hex(93B4E7) contains.

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Color

Hex(93B4E7)

Conversions

Conversions Part 1

Format	Color
Hex	93B4E7
RGB	147, 180, 231
RGB Percent	58%, 71%, 91%
CMY	0.4235, 0.2941, 0.0941
CMYK	0.36, 0.22, 0.00, 0.09
HSL	216°, 64%, 74%
HSV	216°, 36%, 91%
XYZ	42.7777, 44.6151, 81.9583
YIQ	175.9470, -36.0390, 8.8650

Conversions

Conversions Part 2

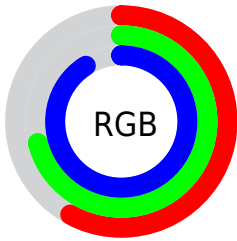
Format	Color
RYB	147, 171, 231
Decimal	9680103
CIELab	72.64, 1.12, -29.11
CIELCh	73, 29.129, 272.194
Yxy	44.6151, 0.2526, 0.2634
Android (android.graphics.Color)	4287870183 (0xFF93B4E7)
YUV	175.9470, 27.1411, -25.3865
Hunter-Lab	66.7945, -2.5724, -25.9939

Details

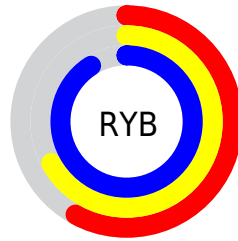
The Hex color **93B4E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7C693**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CBECFF**, and **5D7FAF** is the 20% darker color. If you saturate the color by 10%, you get **7CA6E7**, and if you desaturate by 10%, it is **AAC2E7**.

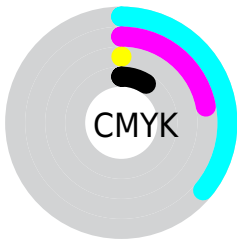
Distribution



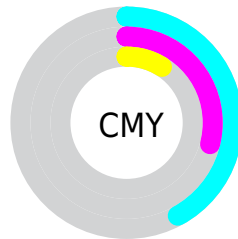
- Red (58%)
- Green (71%)
- Blue (91%)



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



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B4E7 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 93B4E7 by changing the saturation by 10% instead.

 93B4E7

 93B4E7

FFFFFF

 7899CB

 CBECFF

 5D7FAF

 E8FFFF

 426694

 264F7A

 003861

 002349

 000C33

 00021D

 000000

■ 93B4E7

■ 93B4E7

■ 7CA6E7

■ AAC2E7

■ 6598E7

■ C1D0E7

■ 4E8AE7

■ D8DEE7

■ 377CE7

■ EFECE7

■ 1F6EE7

■ FFFAE7

■ 0860E7

■ FFFFE7

■ 005BE7

Harmonies

Analogous

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



6FBCE1



93B4E7



B9ABDF

Triad

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



93B4E7



E7A197



88BF99

Complementary

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



93B4E7



E7C693

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.



A7B985



93B4E7



DAA884

Square

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



93B4E7



E69FB1



C3B17D



6CC1B3

Rectangle

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



93B4E7



CEA5D3



C3B17D



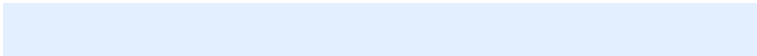
92BD91

Sweetspot

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



93B4E7



E3EEFF



93E7C5



6F7580



000000



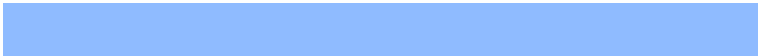
808080

Same Dimension

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



93B4E7



8FBBFF



9B93E7



676C73



0046B3



001433

Inverse Universe

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



E793B4



FF8FBB



DFE793



73676C



B30046



330014

Previews

White Background



This preview shows how the Hex color 93B4E7 looks on a white background.

Color Contrast Check

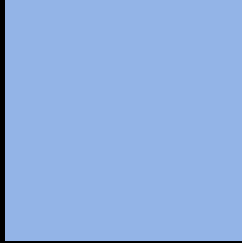
Large Text (above 18pt) WCAG AA × Fail

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 93B4E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

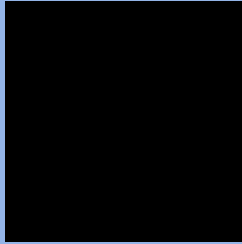
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

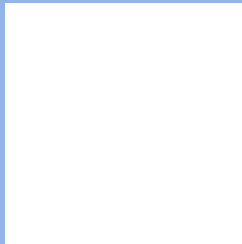
Any Text WCAG AAA ✓ Pass

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

Hex 93B4E7 Background



This preview shows how black text looks on a background with the Hex color 93B4E7.



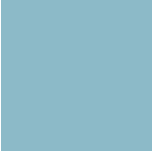
This preview shows how white text looks on a background with the Hex color 93B4E7.

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](#).

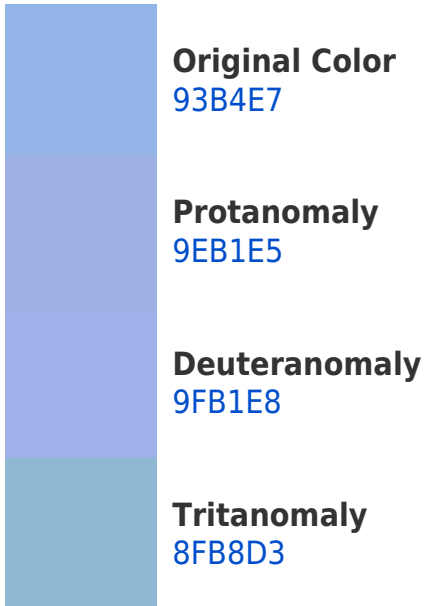
Dichromacy



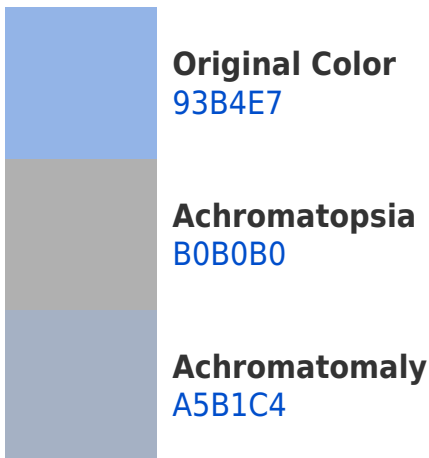


Tritanopia
8CBAC8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B4E7 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 #93B4E7 looks like.

```
.text, #text, p{  
    color:#93B4E7  
}
```

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 #93B4E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B4E7
}
```

Border

The CSS property to change the border of an element to Hex 93B4E7 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
#93B4E7 }
```

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

```
.border{ border-color:#93B4E7 }
```

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

Here you see how a box with a 4 pixel #93B4E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B4E7; -webkit-box-shadow:4px 4px  
4px 4px #93B4E7; box-shadow:4px 4px 4px  
4px #93B4E7 }
```

Background

The CSS property to change the background color of an element to Hex 93B4E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B4E7 }
```

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

```
.background{ background-color:#93B4E7 }
```

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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