

Converting Colors

Hex(93A7E9)

Have a look what the booklet for
Hex(93A7E9) contains.

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Color

Hex(93A7E9)

Conversions

Conversions Part 1

Format	Color
Hex	93A7E9
RGB	147, 167, 233
RGB Percent	58%, 65%, 91%
CMY	0.4235, 0.3451, 0.0863
CMYK	0.37, 0.28, 0.00, 0.09
HSL	226°, 66%, 75%
HSV	226°, 37%, 91%
XYZ	40.5593, 39.7237, 82.6205
YIQ	168.5440, -33.1060, 16.2860

Conversions

Conversions Part 2

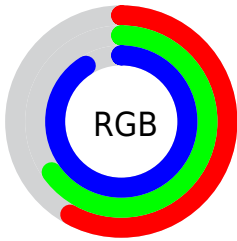
Format	Color
RYB	147, 163, 233
Decimal	9676777
CIELab	69.27, 8.88, -35.40
CIElCh	69, 36.496, 284.082
Yxy	39.7237, 0.2490, 0.2438
Android (android.graphics.Color)	4287866857 (0xFF93A7E9)
YUV	168.5440, 31.7768, -18.8941
Hunter-Lab	63.0267, 4.5726, -33.6034

Details

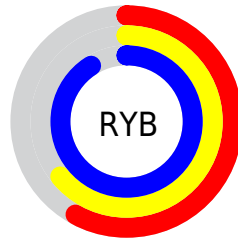
The Hex color **93A7E9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9D593**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CBDEFF**, and **5D73B1** is the 20% darker color. If you saturate the color by 10%, you get **7C95E9**, and if you desaturate by 10%, it is **AAB9E9**.

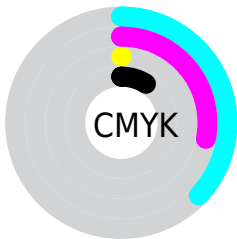
Distribution



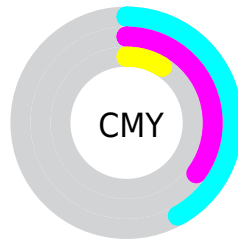
- Red (58%)
- Green (65%)
- Blue (91%)



- Red (58%)
- Yellow (64%)
- Blue (91%)



- Cyan (37%)
- Magenta (28%)
- Yellow (0%)
- Black (9%)



- Cyan (42%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93A7E9 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 93A7E9 by changing the saturation by 10% instead.

 93A7E9

 93A7E9

FFFFFF

 788DCD

 CBDEFF

 5D73B1

 E8FAFF

 425B96

 25447C

 002E63

 001A4B

 000034

 00021E

 000000

■ 93A7E9

■ 93A7E9

■ 7C95E9

■ AAB9E9

■ 6483E9

■ C2CBE9

■ 4D71E9

■ D9DDE9

■ 365FE9

■ F0EFE9

■ 1E4EE9

■ FFFFE9

■ 073CE9

■ 0036E9

Harmonies

Analogous

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



5BB2E8



93A7E9



C19BD9

Triad

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



93A7E9



E3967D



61BA96

Complementary

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



93A7E9



E9D593

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.



8BB579



93A7E9



CEA16A

Square

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



93A7E9



EA909B



B0AC68



35BBB8

Rectangle

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



93A7E9



D794C7



B0AC68



70B88B

Sweetspot

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



93A7E9



E3E9FF



93E9D5



6F7380



000000



808080

Same Dimension

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



93A7E9



8FA9FF



AA93E9



6A6C75



002AB5



000C36

Inverse Universe

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



E993A7



FF8FA9



D2E993



756A6C



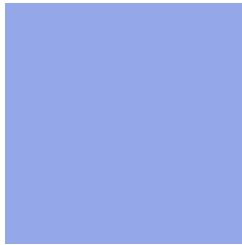
B5002A



36000C

Previews

White Background



This preview shows how the Hex color 93A7E9 looks on a white background.

Color Contrast Check

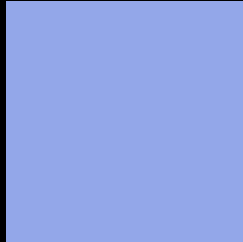
Large Text (above 18pt) WCAG AA × Fail

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 93A7E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

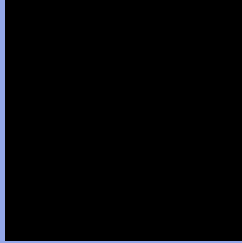
Any Text WCAG AA ✓ Pass

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 93A7E9 Background



This preview shows how black text looks on a background with the Hex color 93A7E9.



This preview shows how white text looks on a background with the Hex color 93A7E9.

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
93A7E9

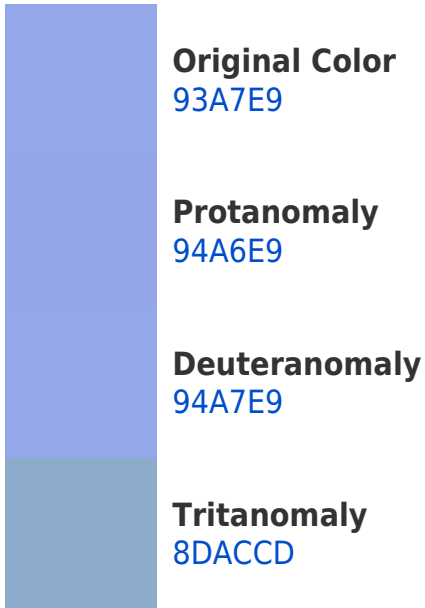
Protanopia
95A6E9

Deuteranopia
94A7E9

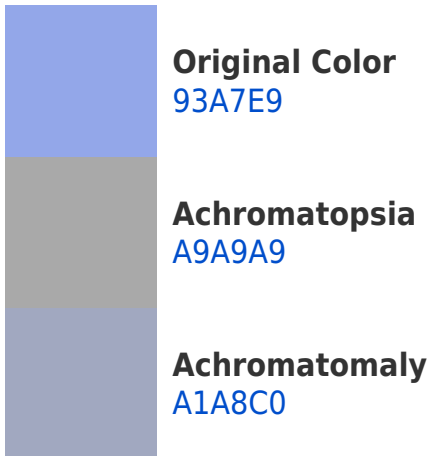


Tritanopia
89AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93A7E9 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 #93A7E9 looks like.

```
.text, #text, p{  
    color:#93A7E9  
}
```

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 #93A7E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93A7E9
}
```

Border

The CSS property to change the border of an element to Hex 93A7E9 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
#93A7E9 }
```

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

```
.border{ border-color:#93A7E9 }
```

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

Here you see how a box with a 4 pixel #93A7E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93A7E9; -webkit-box-shadow:4px 4px  
4px 4px #93A7E9; box-shadow:4px 4px 4px  
4px #93A7E9 }
```

Background

The CSS property to change the background color of an element to Hex 93A7E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93A7E9 }
```

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

```
.background{ background-color:#93A7E9 }
```

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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