

# Converting Colors

Hex(93B1E4)

Have a look what the booklet for  
Hex(93B1E4) contains.

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# **Color**

**Hex(93B1E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	93B1E4
RGB	147, 177, 228
RGB Percent	58%, 69%, 89%
CMY	0.4235, 0.3059, 0.1059
CMYK	0.36, 0.22, 0.00, 0.11
HSL	218°, 60%, 74%
HSV	218°, 36%, 89%
XYZ	41.7584, 43.2488, 79.5457
YIQ	173.8440, -34.2510, 9.5010

# Conversions

## Conversions Part 2

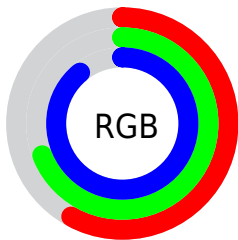
Format	Color
R <sub>Y</sub> B	147, 169, 228
Decimal	9679332
CIE Lab	71.72, 1.99, -28.88
CIE LCh	72, 28.949, 273.937
Yxy	43.2488, 0.2538, 0.2628
Android (android.graphics.Color)	4287869412 (0xFF93B1E4)
YUV	173.8440, 26.6989, -23.5422
Hunter-Lab	65.7638, -1.7436, -25.6806

# Details

The Hex color **93B1E4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4C693**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CBE9FF**, and **5D7DAC** is the 20% darker color. If you saturate the color by 10%, you get **7CA3E4**, and if you desaturate by 10%, it is **AABFE4**.

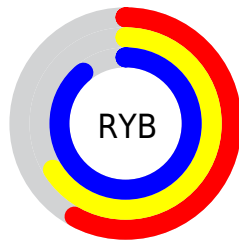
# Distribution



Red (58%)

Green (69%)

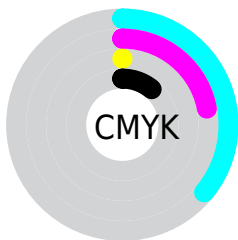
Blue (89%)



Red (58%)

Yellow (66%)

Blue (89%)

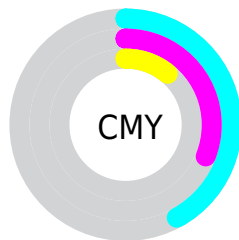


Cyan (36%)

Magenta (22%)

Yellow (0%)

Black (11%)



Cyan (42%)

Magenta (31%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93B1E4 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 93B1E4 by changing the saturation by 10% instead.



■ 93B1E4

■ 93B1E4

FFFFFF

■ 7896C8

■ CBE9FF

■ 5D7DAC

■ E8FFFF

■ 436492

■ 274C78

■ 03365F

■ 002147

■ 000830

■ 00011B

■ 000000

■ 93B1E4

■ 93B1E4

■ 7CA3E4

■ AABFE4

■ 6594E4

■ C1CEE4

■ 4F86E4

■ D7DCE4

■ 3878E4

■ EEEAE4

■ 2169E4

■ FFF9E4

■ 0A5BE4

■ FFFFE4

■ 0054E4

# Harmonies

## Analogous

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



6FB9DE



93B1E4



B8A8DC

# Triad

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



93B1E4



E39F93



84BC98

# Complementary

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



93B1E4



E4C693

# 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.



A3B783



93B1E4



D6A681

# Square

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



93B1E4



E39CAD



BFAF7B



69BEB2

# Rectangle

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



93B1E4



CCA2CF



BFAF7B



8EBB90



# Sweetspot

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



93B1E4



E3EDFF



93E4C5



6F7580



000000



808080



# Same Dimension

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



93B1E4



91BAFF



9C93E4



676C73



0042B3



001333



# Inverse Universe

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



E493B1



FF91BA



DBE493



73676C



B30042

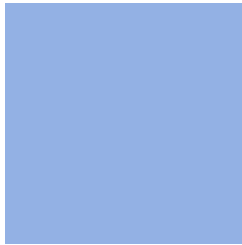


330013



# Previews

## White Background



This preview shows how the Hex color 93B1E4 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 93B1E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

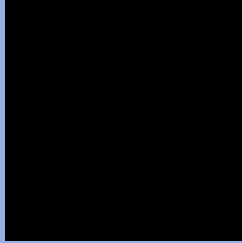
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

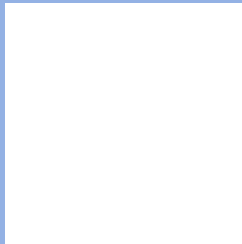
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 93B1E4 Background



This preview shows how black text looks on a background with the Hex color 93B1E4.

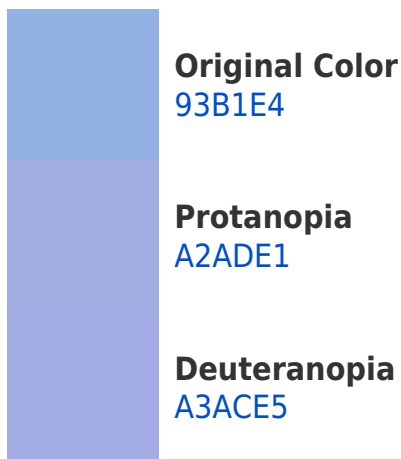


This preview shows how white text looks on a background with the Hex color 93B1E4.

# 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](#).

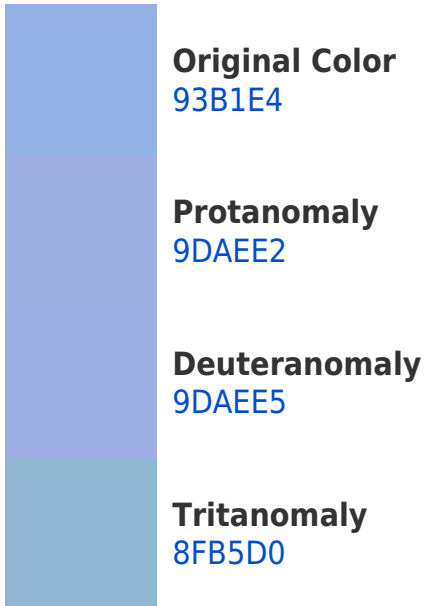
## Dichromacy



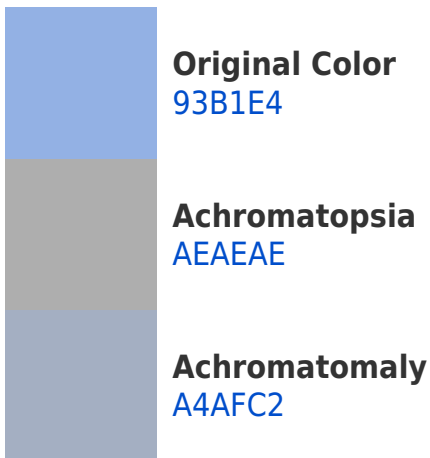


**Tritanopia**  
8CB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93B1E4 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 #93B1E4 looks like.

```
.text, #text, p{  
    color:#93B1E4  
}
```

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 #93B1E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B1E4
}
```

## Border

The CSS property to change the border of an element to Hex 93B1E4 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
#93B1E4 }
```

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

```
.border{ border-color:#93B1E4 }
```

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

Here you see how a box with a 4 pixel #93B1E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B1E4; -webkit-box-shadow:4px 4px  
4px 4px #93B1E4; box-shadow:4px 4px 4px  
4px #93B1E4 }
```

# Background

The CSS property to change the background color of an element to Hex 93B1E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B1E4 }
```

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

```
.background{ background-color:#93B1E4 }
```

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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