

# Converting Colors

Hex(91B5EE)

Have a look what the booklet for  
Hex(91B5EE) contains.

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# **Color**

**Hex(91B5EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91B5EE
RGB	145, 181, 238
RGB Percent	57%, 71%, 93%
CMY	0.4314, 0.2902, 0.0667
CMYK	0.39, 0.24, 0.00, 0.07
HSL	217°, 73%, 75%
HSV	217°, 39%, 93%
XYZ	43.6335, 45.2405, 87.3215
YIQ	176.7340, -39.7530, 10.0950

# Conversions

## Conversions Part 2

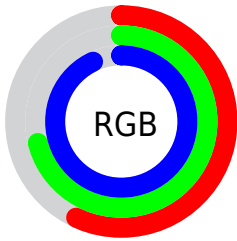
Format	Color
<a href="#">RYB</a>	<a href="#">145, 171, 238</a>
Decimal	<a href="#">9549294</a>
CIELab	<a href="#">73.05, 1.88, -32.28</a>
CIElCh	<a href="#">73, 32.336, 273.327</a>
Yxy	<a href="#">45.2405, 0.2476, 0.2568</a>
Android (android.graphics.Color)	<a href="#">4287739374 (0xFF91B5EE)</a>
YUV	<a href="#">176.7340, 30.2041, -27.8307</a>
Hunter-Lab	<a href="#">67.2611, -1.9106, -29.8903</a>

# Details

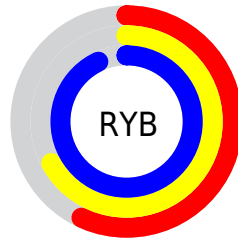
The Hex color **91B5EE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EECA91**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **C9EDFF**, and **5A80B6** is the 20% darker color. If you saturate the color by 10%, you get **79A6EE**, and if you desaturate by 10%, it is **A9C4EE**.

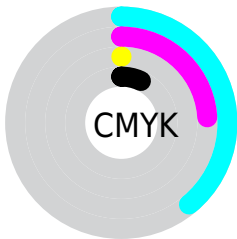
# Distribution



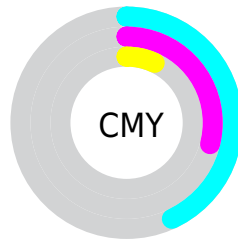
- Red (57%)
- Green (71%)
- Blue (93%)



- Red (57%)
- Yellow (67%)
- Blue (93%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B5EE 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 91B5EE by changing the saturation by 10% instead.



■ 91B5EE

■ 91B5EE

FFFFFF

■ 759AD2

■ C9EDFF

■ 5A80B6

■ E6FFFF

■ 3F679B

■ 205081

■ 003967

■ 00244F

■ 000E38

■ 000222

■ 000007

■ 91B5EE

■ 91B5EE

■ 79A6EE

■ A9C4EE

■ 6198EE

■ C1D2EE

■ 4A89EE

■ D8E1EE

■ 327BEE

■ F0EFEE

■ 1A6CEE

■ FFFEEE

■ 025DEE

■ FFFFE

■ 005CEE

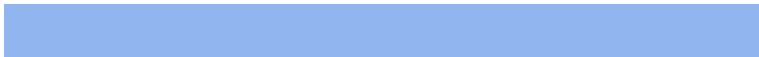
# Harmonies

## Analogous

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



66BDE7



91B5EE



BCABE5

# Triad

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



91B5EE



EDA094



82C198

# Complementary

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



91B5EE



EECA91

# 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.



A5BB81



91B5EE



DEA87F

# Square

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



91B5EE



ED9DB1



C5B378



61C4B6

# Rectangle

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



91B5EE



D3A4D7



C5B378



8EC08F

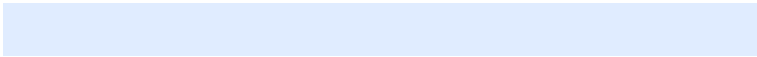


# Sweetspot

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



91B5EE



E0ECFF



91EEC9



6E7580



000000



808080



# Same Dimension

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



91B5EE



87B6FF



9A91EE



6C7178



0047B8



001638



# Inverse Universe

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



EE91B5



FF87B6



E5EE91



786C71



B80047

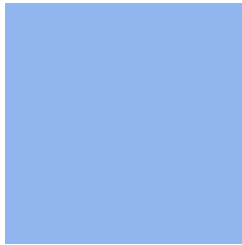


380016



# Previews

## White Background



This preview shows how the Hex color 91B5EE looks on a white background.

## Color Contrast Check

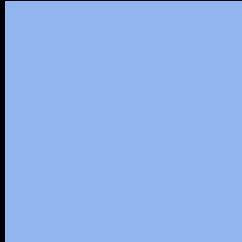
Large Text (above 18pt) WCAG AA × Fail

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 91B5EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

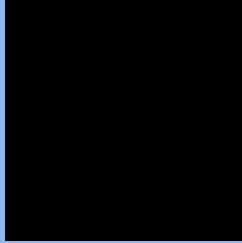
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

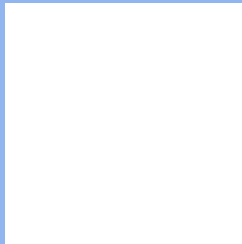
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91B5EE Background



This preview shows how black text looks on a background with the Hex color 91B5EE.

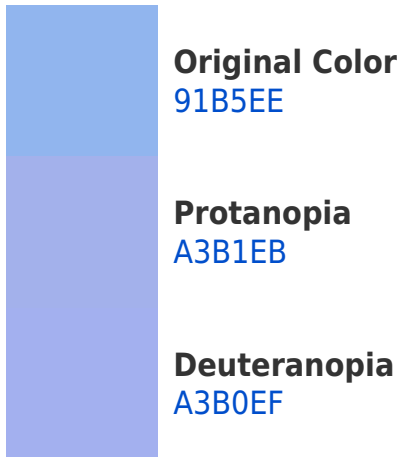


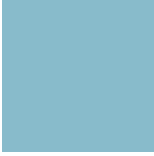
This preview shows how white text looks on a background with the Hex color 91B5EE.

# 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](#).

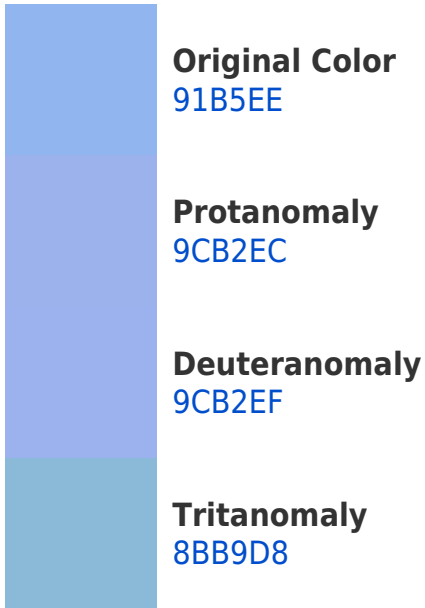
## Dichromacy



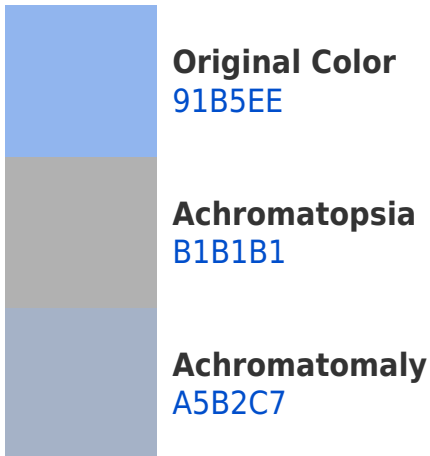


**Tritanopia**  
88BBCB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B5EE 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 #91B5EE looks like.

```
.text, #text, p{  
    color:#91B5EE  
}
```

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 #91B5EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B5EE  
}
```

## Border

The CSS property to change the border of an element to Hex 91B5EE 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  
#91B5EE }
```

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

```
.border{ border-color:#91B5EE }
```

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

Here you see how a box with a 4 pixel #91B5EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B5EE; -webkit-box-shadow:4px 4px  
4px 4px #91B5EE; box-shadow:4px 4px 4px  
4px #91B5EE }
```

# Background

The CSS property to change the background color of an element to Hex 91B5EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B5EE }
```

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

```
.background{ background-color:#91B5EE }
```

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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