

Converting Colors

Hex(91B5DE)

Have a look what the booklet for
Hex(91B5DE) contains.

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Color

Hex(91B5DE)

Conversions

Conversions Part 1

Format	Color
Hex	91B5DE
RGB	145, 181, 222
RGB Percent	57%, 71%, 87%
CMY	0.4314, 0.2902, 0.1294
CMYK	0.35, 0.18, 0.00, 0.13
HSL	212°, 54%, 72%
HSV	212°, 35%, 87%
XYZ	41.3857, 44.3414, 75.4847
YIQ	174.9100, -34.6170, 5.1190

Conversions

Conversions Part 2

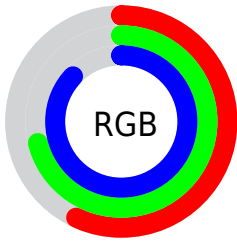
Format	Color
RYB	145, 170, 222
Decimal	9549278
CIELab	72.46, -2.30, -24.50
CIELCh	72, 24.607, 264.627
Yxy	44.3414, 0.2567, 0.2751
Android (android.graphics.Color)	4287739358 (0xFF91B5DE)
YUV	174.9100, 23.2154, -26.2311
Hunter-Lab	66.5894, -5.5924, -20.5977

Details

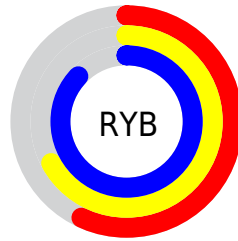
The Hex color **91B5DE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEBA91**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C9EDFF**, and **5C80A7** is the 20% darker color. If you saturate the color by 10%, you get **7BA9DE**, and if you desaturate by 10%, it is **A7C1DE**.

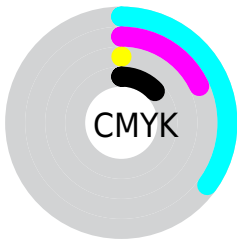
Distribution



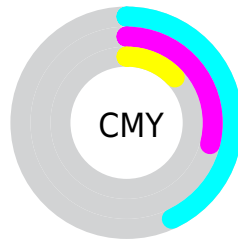
- Red (57%)
- Green (71%)
- Blue (87%)



- Red (57%)
- Yellow (67%)
- Blue (87%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (43%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91B5DE 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 91B5DE by changing the saturation by 10% instead.

■ 91B5DE

■ 91B5DE

FFFFFF

■ 769AC2

■ C9EDFF

■ 5C80A7

■ E5FFFF

■ 41678C

■ 264F73

■ 03395A

■ 002342

■ 000D2C

■ 000117

■ 000000

 91B5DE

 91B5DE

 7BA9DE

 A7C1DE

 659DDE

 BDCDDE

 4E92DE

 D4D8DE

 3886DE

 EAE4DE

 227ADE

 FFF0DE

 0C6EDE

 FFFCDE

 0068DE

 FFFFDE

Harmonies

Analogous

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



78BBD6



91B5DE



B0ADDA

Triad

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



91B5DE



E0A2A0



95BB97

Complementary

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



91B5DE



DEBA91

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.



AFB689



91B5DE



D8A88E

Square

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



91B5DE



DCA2B7



C6AF85



7EBEAD

Rectangle

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



91B5DE



C3A8D2



C6AF85



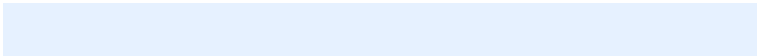
9EBA91

Sweetspot

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



91B5DE



E6F1FF



91DEB9



707780



000000



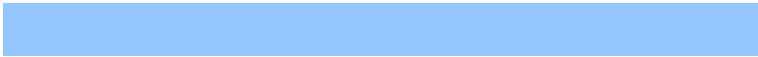
808080

Same Dimension

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



91B5DE



94C6FF



9291DE



656A70



0052B0



001730

Inverse Universe

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



DE91B5



FF94C6



DDDE91



70656A



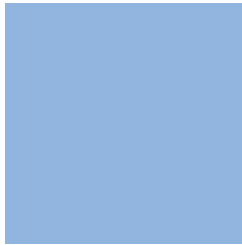
B00052



300017

Previews

White Background



This preview shows how the Hex color 91B5DE looks on a white background.

Color Contrast Check

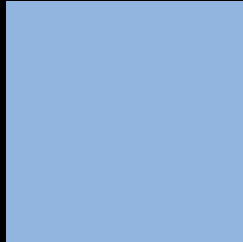
Large Text (above 18pt) WCAG AA × Fail

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 91B5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

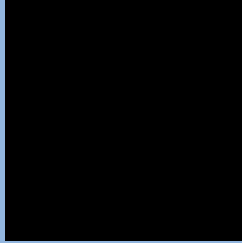
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

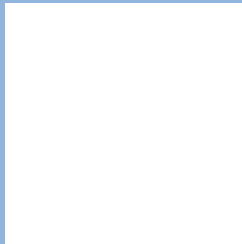
Any Text WCAG AAA ✓ Pass

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

Hex 91B5DE Background



This preview shows how black text looks on a background with the Hex color 91B5DE.

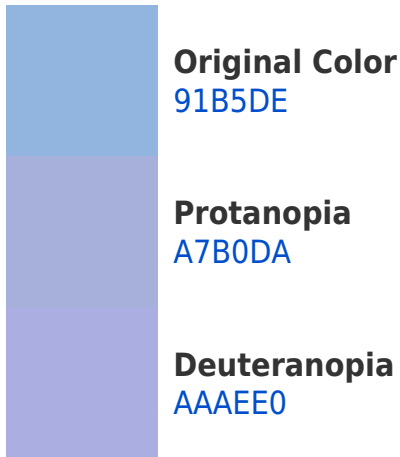


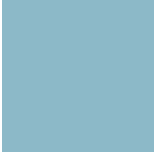
This preview shows how white text looks on a background with the Hex color 91B5DE.

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](#).

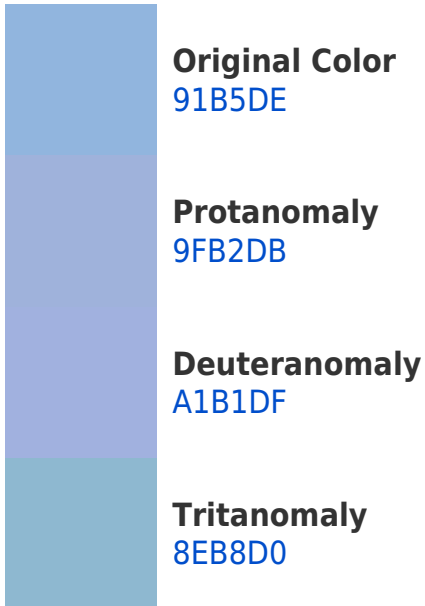
Dichromacy



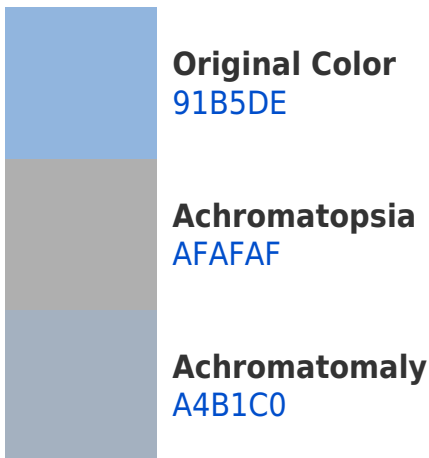


Tritanopia
8CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91B5DE 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 #91B5DE looks like.

```
.text, #text, p{  
    color:#91B5DE  
}
```

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 #91B5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B5DE
}
```

Border

The CSS property to change the border of an element to Hex 91B5DE 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
#91B5DE }
```

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

```
.border{ border-color:#91B5DE }
```

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

Here you see how a box with a 4 pixel #91B5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B5DE; -webkit-box-shadow:4px 4px  
4px 4px #91B5DE; box-shadow:4px 4px 4px  
4px #91B5DE }
```

Background

The CSS property to change the background color of an element to Hex 91B5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B5DE }
```

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

```
.background{ background-color:#91B5DE }
```

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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