

# Converting Colors

Hex(91B5D1)

Have a look what the booklet for  
Hex(91B5D1) contains.

<b>Hex(91B5D1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(91B5D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91B5D1
RGB	145, 181, 209
RGB Percent	57%, 71%, 82%
CMY	0.4314, 0.2902, 0.1804
CMYK	0.31, 0.13, 0.00, 0.18
HSL	206°, 41%, 69%
HSV	206°, 31%, 82%
XYZ	39.7096, 43.6709, 66.6580
YIQ	173.4280, -30.4440, 1.0760

# Conversions

## Conversions Part 2

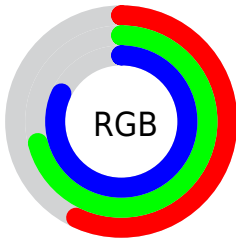
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">145, 168, 209</a>
Decimal	<a href="#">9549265</a>
CIELab	<a href="#">72.01, -5.56, -18.08</a>
CIELCh	<a href="#">72, 18.919, 252.911</a>
Yxy	<a href="#">43.6709, 0.2647, 0.2911</a>
Android (android.graphics.Color)	<a href="#">4287739345 (0xFF91B5D1)</a>
YUV	<a href="#">173.4280, 17.5370, -24.9314</a>
Hunter-Lab	<a href="#">66.0840, -8.3872, -13.5462</a>

# Details

The Hex color **91B5D1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D1AD91**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C8EDFF**, and **5C809B** is the 20% darker color. If you saturate the color by 10%, you get **7CACD1**, and if you desaturate by 10%, it is **A6BED1**.

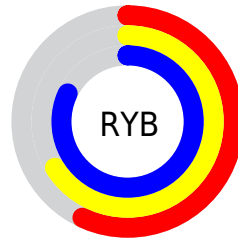
# Distribution



Red (57%)

Green (71%)

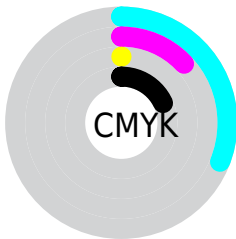
Blue (82%)



Red (57%)

Yellow (66%)

Blue (82%)

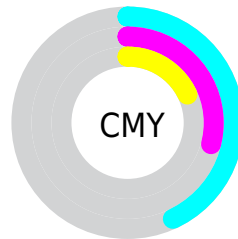


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (43%)

Magenta (29%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91B5D1 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 91B5D1 by changing the saturation by 10% instead.



■ 91B5D1

■ 91B5D1

FFFFFF

■ 769AB5

■ C8EDFF

■ 5C809B

■ E5FFFF

■ 436780

■ 294F67


■ 0D384F

■ 002338

■ 000D23

■ 00000A

■ 000000

 91B5D1

 91B5D1

 7CACD1

 A6BED1

 67A3D1

 BBC7D1

 529AD1

 D0D0D1

 3D90D1

 E5DAD1

 2887D1

 FAE3D1

 147ED1

 FFECD1

 0076D1

 FFF5D1

 FFFED1

 FFFFD1

# Harmonies

## Analogous

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



84B9C7



91B5D1



A7AFD2

# Triad

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



91B5D1



D4A4A9



A2B797

# Complementary

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



91B5D1



D1AD91

# 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.



B6B28F



91B5D1



D2A79A

# Square

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



91B5D1



CDA5BB



C7AC90



90BAA6

# Rectangle

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



91B5D1



B6ACCD



C7AC90



A9B593



# Sweetspot

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



91B5D1



E8F5FF



91D1AD



717980



000000



808080

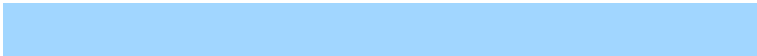


# Same Dimension

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



91B5D1



A1D6FF



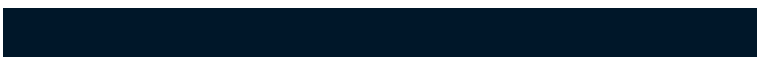
9195D1



5E6469



005FA8



001729



# Inverse Universe

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



D191B5



FFA1D6



D1CD91



695E64



A8005F

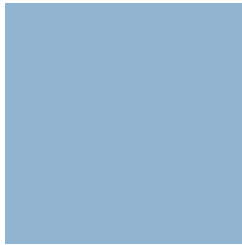


290017



# Previews

## White Background



This preview shows how the Hex color 91B5D1 looks on a white background.

## Color Contrast Check

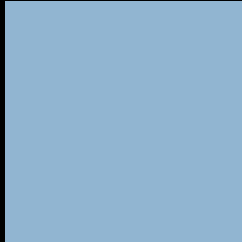
Large Text (above 18pt) WCAG AA × Fail

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 91B5D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

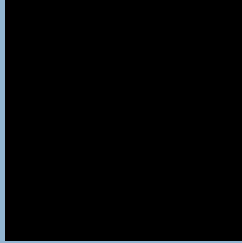
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

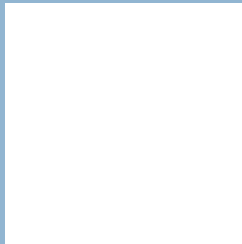
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91B5D1 Background



This preview shows how black text looks on a background with the Hex color 91B5D1.

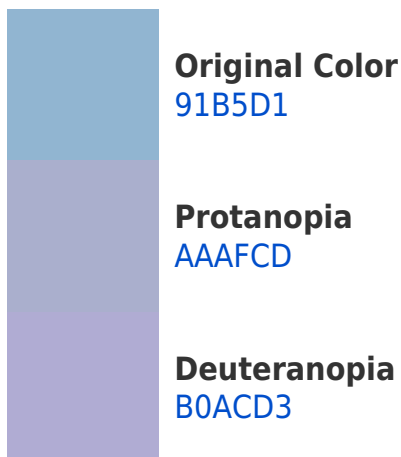


This preview shows how white text looks on a background with the Hex color 91B5D1.

# 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](#).

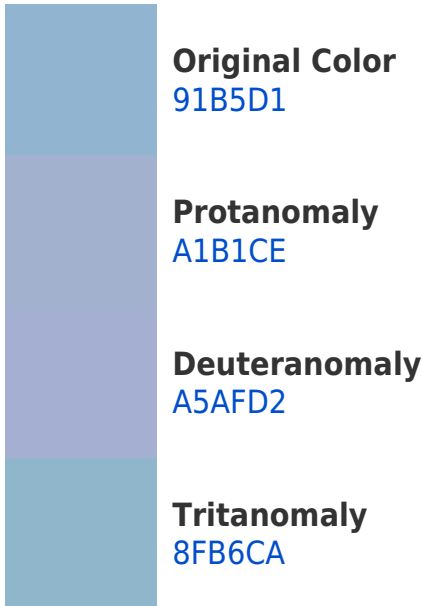
## Dichromacy



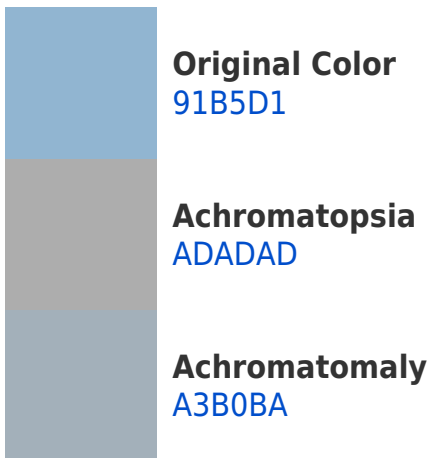


**Tritanopia**  
8EB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91B5D1 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 #91B5D1 looks like.

```
.text, #text, p{  
    color:#91B5D1  
}
```

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 #91B5D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91B5D1
}
```

## Border

The CSS property to change the border of an element to Hex 91B5D1 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
#91B5D1 }
```

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

```
.border{ border-color:#91B5D1 }
```

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

Here you see how a box with a 4 pixel #91B5D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91B5D1; -webkit-box-shadow:4px 4px  
4px 4px #91B5D1; box-shadow:4px 4px 4px  
4px #91B5D1 }
```

# Background

The CSS property to change the background color of an element to Hex 91B5D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91B5D1 }
```

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

```
.background{ background-color:#91B5D1 }
```

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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