

Converting Colors

Hex(91BDCE)

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

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

Color

Hex(91BDCE)

Conversions

Conversions Part 1

Format	Color
Hex	91BDCE
RGB	145, 189, 206
RGB Percent	57%, 74%, 81%
CMY	0.4314, 0.2588, 0.1922
CMYK	0.30, 0.08, 0.00, 0.19
HSL	197°, 38%, 69%
HSV	197°, 30%, 81%
XYZ	41.0152, 46.8712, 65.2778
YIQ	177.7820, -31.6810, -4.0410

Conversions

Conversions Part 2

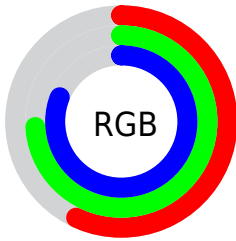
Format	Color
RYB	145, 171, 206
Decimal	9551310
CIELab	74.11, -10.56, -13.28
CIELCh	74, 16.967, 231.530
Yxy	46.8712, 0.2678, 0.3060
Android (android.graphics.Color)	4287741390 (0xFF91BDCE)
YUV	177.7820, 13.9115, -28.7498
Hunter-Lab	68.4625, -12.8718, -8.6082

Details

The Hex color **91BDCE** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CEA291**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C8F5FF**, and **5C8898** is the 20% darker color. If you saturate the color by 10%, you get **7CB7CE**, and if you desaturate by 10%, it is **A6C3CE**.

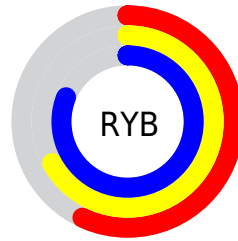
Distribution



Red (57%)

Green (74%)

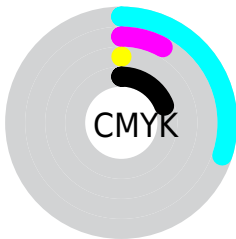
Blue (81%)



Red (57%)

Yellow (67%)

Blue (81%)

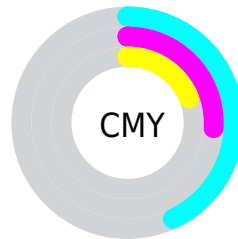


Cyan (30%)

Magenta (8%)

Yellow (0%)

Black (19%)



Cyan (43%)

Magenta (26%)

Yellow (19%)

Brightness & Saturation Gradients

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

 91BDCE

 91BDCE

FFFFFF

 76A2B2

 C8F5FF

 5C8898

 E5FFFF

 436E7E

 295665

 0C3F4D

 002936

 001521

 000008

 000000

 91BDCE

 91BDCE

 7CB7CE

 A6C3CE

 68B2CE

 BAC8CE

 53ACCE

 CFCECE

 3FA6CE

 E3D4CE

 2AA0CE

 F8DACE

 159BCE

 FFDFCE

 0195CE

 FFE5CE

 0095CE

 FFEBCCE

 FFF1CE

Harmonies

Analogous

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



8DBFC1



91BDCE



A0B9D5

Triad

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



91BDCE



D3ACBB



B6B999

Complementary

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



91BDCE



CEA291

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.



C7B498



91BDCE



D7ACAB

Square

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



91BDCE



C6AFCA



D3AF9E



A5BDA2

Rectangle

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



91BDCE



ADB5D4



D3AF9E



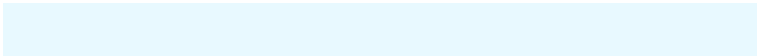
BCB798

Sweetspot

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



91BDCE



E8F9FF



91CEA1



717C80



000000



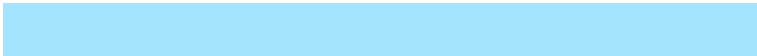
808080

Same Dimension

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



91BDCE



A3E5FF



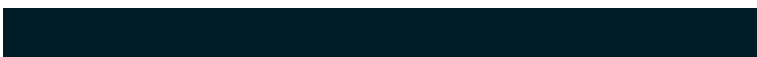
919FCE



5C6366



0078A6



001C26

Inverse Universe

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



CE91BD



FFA3E5



CEC091



665C63



A60078



26001C

Previews

White Background



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

Color Contrast Check

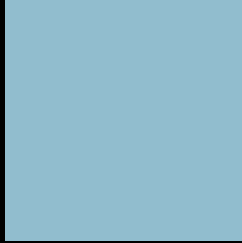
Large Text (above 18pt) WCAG AA × Fail

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 91BDCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

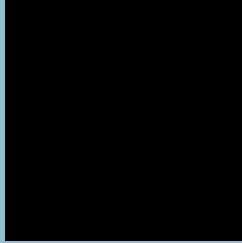
Any Text WCAG AA ✓ Pass

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 91BDCE Background



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



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

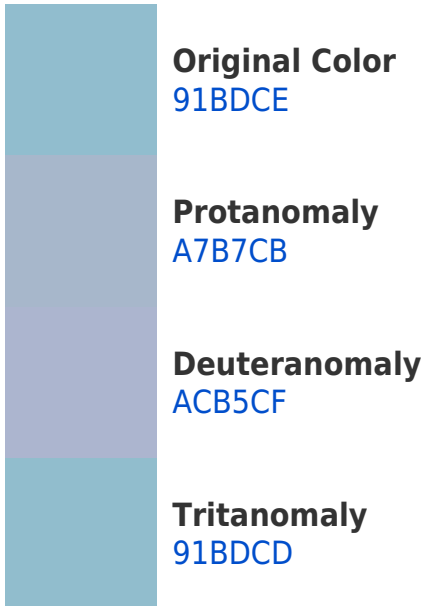
Color Blindness Simulation

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](#).

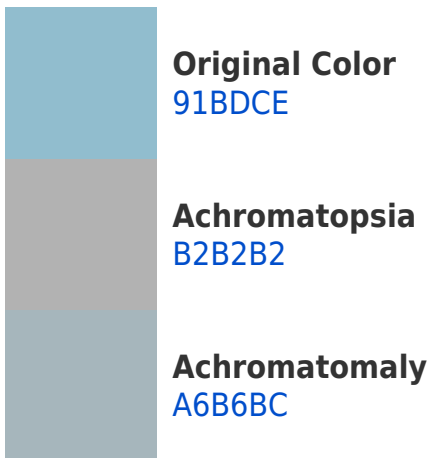
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #91BDCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor