

Converting Colors

Hex(91BD7B)

Have a look what the booklet for
Hex(91BD7B) contains.

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Color

Hex(91BD7B)

Conversions

Conversions Part 1

Format	Color
Hex	91BD7B
RGB	145, 189, 123
RGB Percent	57%, 74%, 48%
CMY	0.4314, 0.2588, 0.5176
CMYK	0.23, 0.00, 0.35, 0.26
HSL	100°, 33%, 61%
HSV	100°, 35%, 74%
XYZ	33.4498, 43.8450, 25.4388
YIQ	168.3200, -5.0380, -29.8540

Conversions

Conversions Part 2

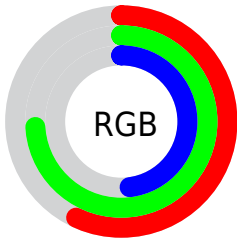
Format	Color
RYB	123, 189, 167
Decimal	9551227
CIELab	72.12, -26.84, 28.76
CIElCh	72, 39.336, 133.020
Yxy	43.8450, 0.3256, 0.4268
Android (android.graphics.Color)	4287741307 (0xFF91BD7B)
YUV	168.3200, -22.3428, -20.4516
Hunter-Lab	66.2156, -25.7052, 23.5727

Details

The Hex color **91BD7B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A77BBD**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **C8F5B0**, and **5D8749** is the 20% darker color. If you saturate the color by 10%, you get **84BD68**, and if you desaturate by 10%, it is **9EBD8E**.

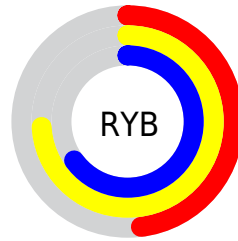
Distribution



Red (57%)

Green (74%)

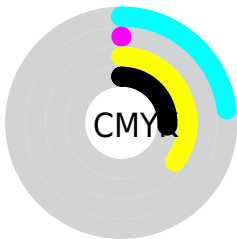
Blue (48%)



Red (48%)

Yellow (74%)

Blue (65%)

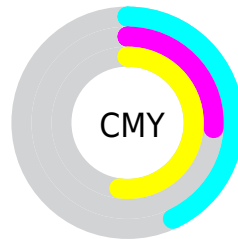


Cyan (23%)

Magenta (0%)

Yellow (35%)

Black (26%)



Cyan (43%)

Magenta (26%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91BD7B 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 91BD7B by changing the saturation by 10% instead.

 91BD7B

 91BD7B

FFFFFF

 77A262

 C8F5B0

 5D8749

 E4FFCC

 446E32

 FFFFE8

 2B551B

 123E03

 002700

 000E00

 000000

 91BD7B

 91BD7B

 84BD68

 9EBD8E

 78BD55

 AABDA1

 6BBD42

 B7BDB4

 5FBD2F

 C3BDC7

 52BD1C

 D0BDDA

 45BD0A

 DDBDEC

 3FBD00

 E9BDFF

 F6BDFF

 FFBDFE

Harmonies

Analogous

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



B9B46A



91BD7B



63C39B

Triad

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



91BD7B



57BAF5



F795A2

Complementary

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



91BD7B



A77BBD

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.



EA97C7



91BD7B



96AFF7

Square

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



91BD7B



0FC1E1



C9A2E6



F09C81

Rectangle

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



91BD7B



40C4B3



C9A2E6



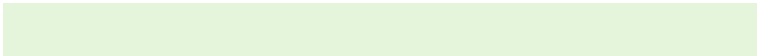
F595AF

Sweetspot

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



91BD7B



E4F5DC



BDA77B



717A6C



FAFAFA



7A7A7A

Same Dimension

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



91BD7B



B0F58E



7BBD86



585E55



359E00



0A1F00

Inverse Universe

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



A77BBD



D38EF5



BD7BB2



5B555E



69009E



14001F

Previews

White Background



This preview shows how the Hex color 91BD7B looks on a white background.

Color Contrast Check

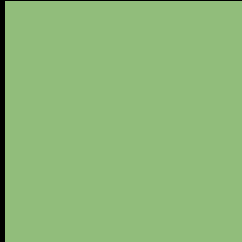
Large Text (above 18pt) WCAG AA × Fail

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 91BD7B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

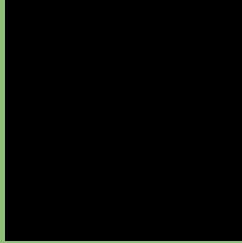
Any Text WCAG AA ✓ Pass

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 91BD7B Background



This preview shows how black text looks on a background with the Hex color 91BD7B.

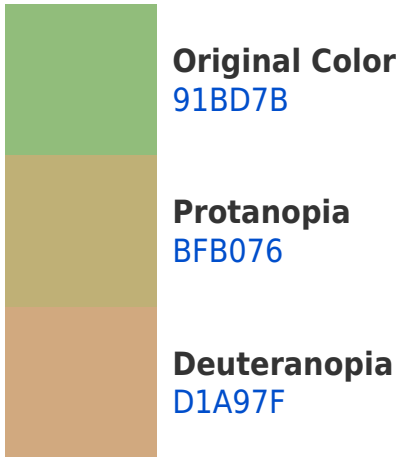


This preview shows how white text looks on a background with the Hex color 91BD7B.

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](#).

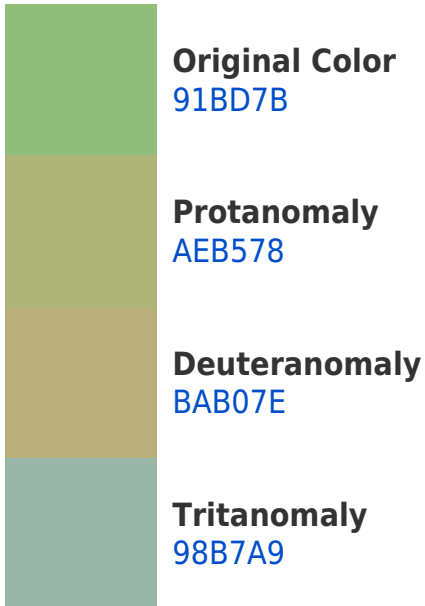
Dichromacy



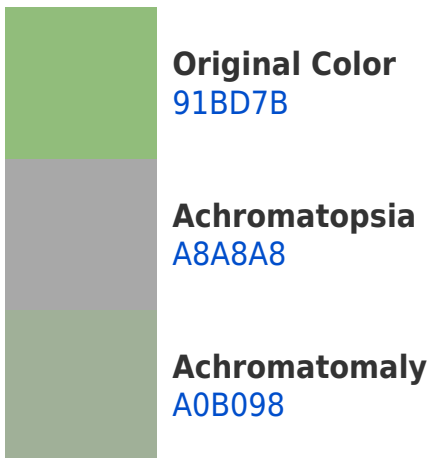


Tritanopia
9CB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91BD7B 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 #91BD7B looks like.

```
.text, #text, p{  
    color:#91BD7B  
}
```

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 #91BD7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91BD7B
}
```

Border

The CSS property to change the border of an element to Hex 91BD7B 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
#91BD7B }
```

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

```
.border{ border-color:#91BD7B }
```

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

Here you see how a box with a 4 pixel #91BD7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91BD7B; -webkit-box-shadow:4px 4px  
4px 4px #91BD7B; box-shadow:4px 4px 4px  
4px #91BD7B }
```

Background

The CSS property to change the background color of an element to Hex 91BD7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91BD7B }
```

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

```
.background{ background-color:#91BD7B }
```

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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