

Converting Colors

Hex(91BF7B)

Have a look what the booklet for
Hex(91BF7B) contains.

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Color

Hex(91BF7B)

Conversions

Conversions Part 1

Format	Color
Hex	91BF7B
RGB	145, 191, 123
RGB Percent	57%, 75%, 48%
CMY	0.4314, 0.2510, 0.5176
CMYK	0.24, 0.00, 0.36, 0.25
HSL	101°, 35%, 62%
HSV	101°, 36%, 75%
XYZ	33.8830, 44.7114, 25.5832
YIQ	169.4940, -5.5880, -30.9000

Conversions

Conversions Part 2

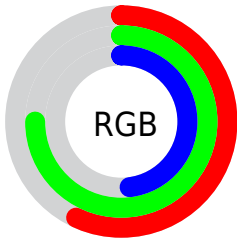
Format	Color
RYB	123, 191, 169
Decimal	9551739
CIELab	72.70, -27.81, 29.52
CIELCh	73, 40.553, 133.286
Yxy	44.7114, 0.3252, 0.4292
Android (android.graphics.Color)	4287741819 (0xFF91BF7B)
YUV	169.4940, -22.9215, -21.4812
Hunter-Lab	66.8666, -26.5660, 24.1222

Details

The Hex color **91BF7B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A97BBF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C8F8B0**, and **5D8949** is the 20% darker color. If you saturate the color by 10%, you get **84BF68**, and if you desaturate by 10%, it is **9EBF8E**.

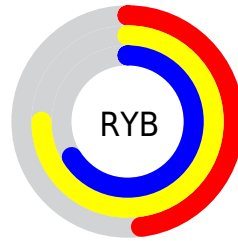
Distribution



Red (57%)

Green (75%)

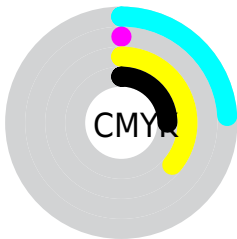
Blue (48%)



Red (48%)

Yellow (75%)

Blue (66%)

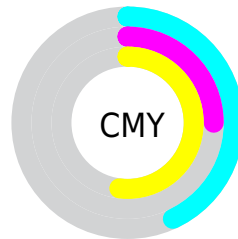


Cyan (24%)

Magenta (0%)

Yellow (36%)

Black (25%)



Cyan (43%)


Magenta (25%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91BF7B 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 91BF7B by changing the saturation by 10% instead.

 91BF7B

 91BF7B

FFFFFF

 77A462

 C8F8B0

 5D8949

 E4FFCC

 447032

 FFFFE8


 2B571B


 113F02

 002900

 001100

 000000

 91BF7B

 91BF7B

 84BF68

 9EBF8E

 77BF55

 ABBFA1

 6ABF42

 B8BFB4

 5DBF2F

 C5BFC7

 50BF1C

 D2BFDB

 43BF08

 DFBFEE

 3EBF00

 EBBFFF

 F8BFFF

 FFBFFF

Harmonies

Analogous

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



BAB569



91BF7B



61C59C

Triad

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



91BF7B



54BCF9



FB95A3

Complementary

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



91BF7B



A97BBF

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.



EE98C9



91BF7B



97B0FA

Square

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



91BF7B



00C3E4



CCA3E9



F49D81

Rectangle

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



91BF7B



3BC6B5



CCA3E9



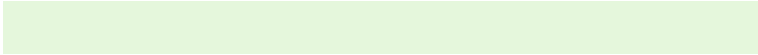
F995B0

Sweetspot

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



91BF7B



E5F7DC



BFA87B



727D6D



FCFCFC



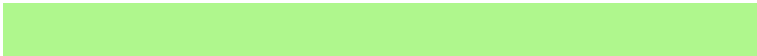
7D7D7D

Same Dimension

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



91BF7B



AFF78D



7BBF86



585E55



339E00



0A1F00

Inverse Universe

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



A97BBF



D58DF7



BF7BB4



5B555E



6B009E



15001F

Previews

White Background



This preview shows how the Hex color 91BF7B 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 91BF7B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

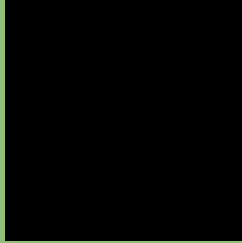
Any Text WCAG AA ✓ Pass

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 91BF7B Background



This preview shows how black text looks on a background with the Hex color 91BF7B.

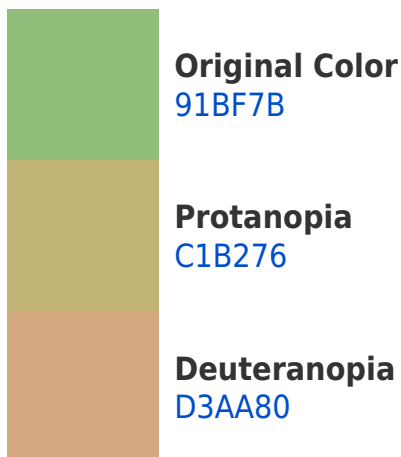


This preview shows how white text looks on a background with the Hex color 91BF7B.

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](#).

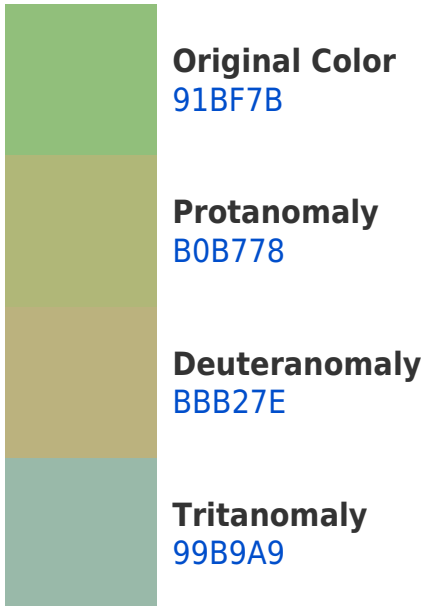
Dichromacy



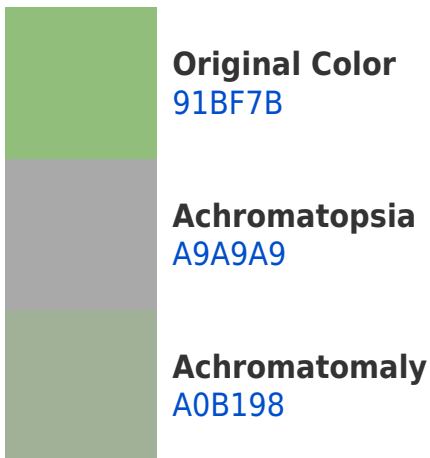


Tritanopia
9DB6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91BF7B 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 #91BF7B looks like.

```
.text, #text, p{  
    color:#91BF7B  
}
```

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 #91BF7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91BF7B
}
```

Border

The CSS property to change the border of an element to Hex 91BF7B 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
#91BF7B }
```

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

```
.border{ border-color:#91BF7B }
```

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

Here you see how a box with a 4 pixel #91BF7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91BF7B; -webkit-box-shadow:4px 4px  
4px 4px #91BF7B; box-shadow:4px 4px 4px  
4px #91BF7B }
```

Background

The CSS property to change the background color of an element to Hex 91BF7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91BF7B }
```

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

```
.background{ background-color:#91BF7B }
```

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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