

Converting Colors

Hex(93BDA7)

Have a look what the booklet for
Hex(93BDA7) contains.

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Color

Hex(93BDA7)

Conversions

Conversions Part 1

Format	Color
Hex	93BDA7
RGB	147, 189, 167
RGB Percent	58%, 74%, 65%
CMY	0.4235, 0.2588, 0.3451
CMYK	0.22, 0.00, 0.12, 0.26
HSL	149°, 24%, 66%
HSV	149°, 22%, 74%
XYZ	37.2053, 45.3883, 43.3591
YIQ	173.9340, -17.9700, -15.7460

Conversions

Conversions Part 2

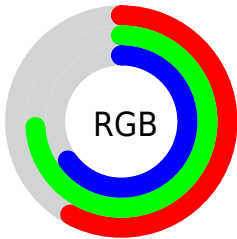
Format	Color
RYB	147, 175, 189
Decimal	9682343
CIELab	73.15, -18.50, 6.56
CIELCh	73, 19.626, 160.475
Yxy	45.3883, 0.2954, 0.3604
Android (android.graphics.Color)	4287872423 (0xFF93BDA7)
YUV	173.9340, -3.4185, -23.6211
Hunter-Lab	67.3708, -19.3230, 9.0012

Details

The Hex color **93BDA7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD93A9**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CAF5DE**, and **5F8873** is the 20% darker color. If you saturate the color by 10%, you get **80BD9D**, and if you desaturate by 10%, it is **A6BDB1**.

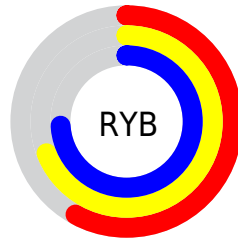
Distribution



Red (58%)

Green (74%)

Blue (65%)



Red (58%)

Yellow (69%)

Blue (74%)

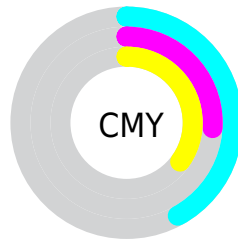


Cyan (22%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BDA7 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 93BDA7 by changing the saturation by 10% instead.

 93BDA7

 93BDA7

FFFFFF

 79A28D

 CAF5DE

 5F8873

 E6FFFB

 476E5B

 2F5643

 183E2D

 012818

 001300

 000000

 93BDA7

 93BDA7

 80BD9D

 A6BDB1

 6DBD93

 B9BDBB

 5ABD89

 CCBDC5

 47BD7F

 DFBDCF

 34BD76

 F2BDD9

 22BD6C

 FFBDE2

 0FBD62

 FFBDEC

 00BD5A

 FFBDF6

 FFBDFE

Harmonies

Analogous

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



A7BA98



93BDA7



85BEB9

Triad

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



93BDA7



A7B3D7



D7A99D

Complementary

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



93BDA7



BD93A9

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.



D9A7AE



93BDA7



BFADCF

Square

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



93BDA7



91B9D5



D0A8C0



CCA9E2

Rectangle

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



93BDA7



83BDC5



D0A8C0



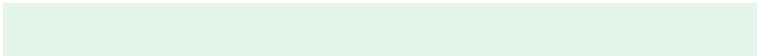
D9A8A2

Sweetspot

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



93BDA7



E4F5EC



A9BD93



717A75



FAFAFA



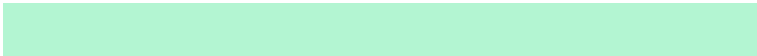
7A7A7A

Same Dimension

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



93BDA7



B3F5D2



93BDBC



555E59



009E4B



001F0F

Inverse Universe

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



BD93A9



F5B3D5



BD9394



5E555A



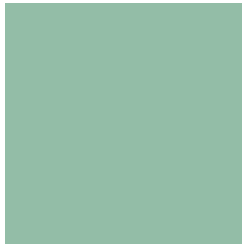
9E0053



1F0010

Previews

White Background



This preview shows how the Hex color 93BDA7 looks on a white background.

Color Contrast Check

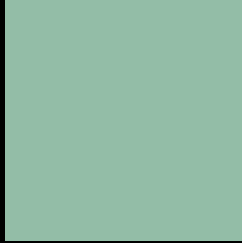
Large Text (above 18pt) WCAG AA × Fail

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 93BDA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

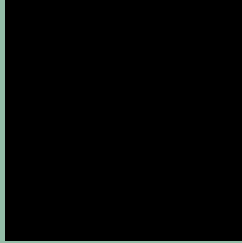
Any Text WCAG AA ✓ Pass

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 93BDA7 Background



This preview shows how black text looks on a background with the Hex color 93BDA7.

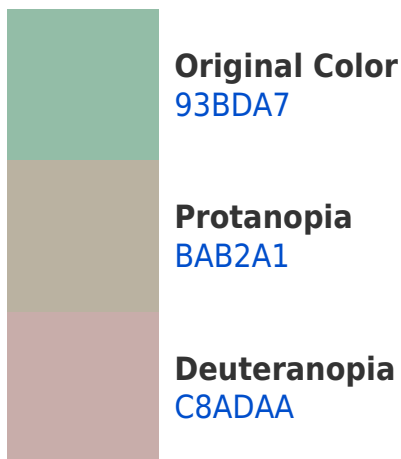


This preview shows how white text looks on a background with the Hex color 93BDA7.

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](#).

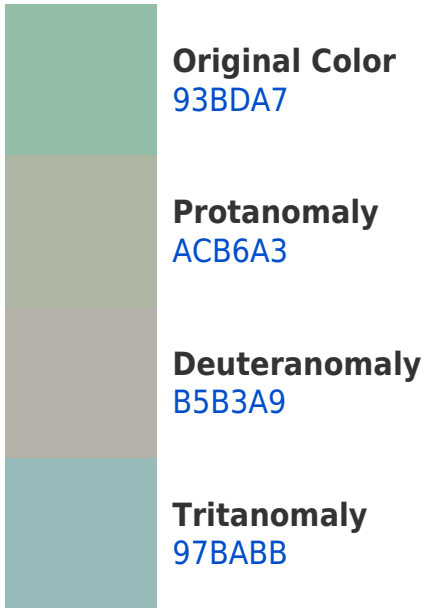
Dichromacy



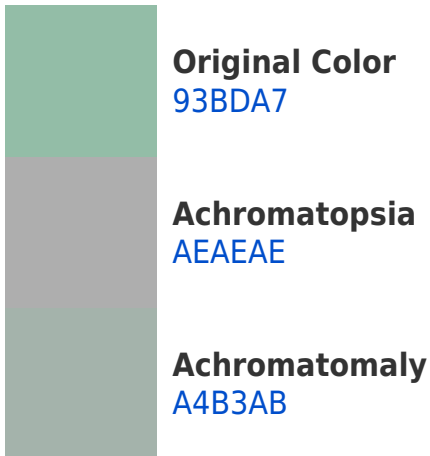


Tritanopia
99B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93BDA7 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 #93BDA7 looks like.

```
.text, #text, p{  
    color:#93BDA7  
}
```

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 #93BDA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BDA7
}
```

Border

The CSS property to change the border of an element to Hex 93BDA7 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
#93BDA7 }
```

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

```
.border{ border-color:#93BDA7 }
```

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

Here you see how a box with a 4 pixel #93BDA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BDA7; -webkit-box-shadow:4px 4px  
4px 4px #93BDA7; box-shadow:4px 4px 4px  
4px #93BDA7 }
```

Background

The CSS property to change the background color of an element to Hex 93BDA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BDA7 }
```

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

```
.background{ background-color:#93BDA7 }
```

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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