

Converting Colors

Hex(93BDA6)

Have a look what the booklet for
Hex(93BDA6) contains.

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Color

Hex(93BDA6)

Conversions

Conversions Part 1

Format	Color
Hex	93BDA6
RGB	147, 189, 166
RGB Percent	58%, 74%, 65%
CMY	0.4235, 0.2588, 0.3490
CMYK	0.22, 0.00, 0.12, 0.26
HSL	147°, 24%, 66%
HSV	147°, 22%, 74%
XYZ	37.1132, 45.3514, 42.8740
YIQ	173.8200, -17.6490, -16.0570

Conversions

Conversions Part 2

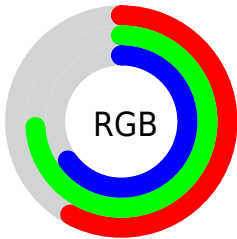
Format	Color
RYB	147, 176, 189
Decimal	9682342
CIELab	73.12, -18.70, 7.07
CIELCh	73, 19.987, 159.289
Yxy	45.3514, 0.2961, 0.3618
Android (android.graphics.Color)	4287872422 (0xFF93BDA6)
YUV	173.8200, -3.8553, -23.5211
Hunter-Lab	67.3435, -19.4792, 9.3936

Details

The Hex color **93BDA6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BD93AA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **CAF5DD**, and **5F8872** is the 20% darker color. If you saturate the color by 10%, you get **80BD9C**, and if you desaturate by 10%, it is **A6BDB0**.

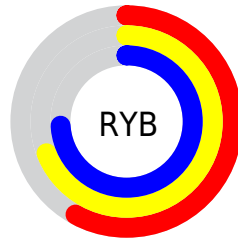
Distribution



Red (58%)

Green (74%)

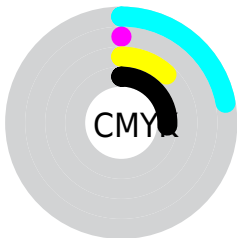
Blue (65%)



Red (58%)

Yellow (69%)

Blue (74%)

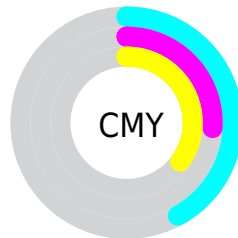


Cyan (22%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (42%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BDA6 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 93BDA6 by changing the saturation by 10% instead.

 93BDA6

 93BDA6

FFFFFF

 79A28C

 CAF5DD


 5F8872

 E6FFFA

 476E5A

 2F5642

 183E2C

 012817

 001300

 000000

 93BDA6

 93BDA6

80BD9C

A6BDB0

6DBD91

B9BDBB

5ABD87

CCBDC5

47BD7D

DFBDCF

34BD72

F2BDDA

22BD68

FFBDE4

0FBD5E

FFBDEE

00BD56

FFBDF9

FFBDFE

Harmonies

Analogous

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



A7B997



93BDA6



85BEB9

Triad

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



93BDA6



A6B3D7



D8A99D

Complementary

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



93BDA6



BD93AA

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



93BDA6



BEADD0

Square

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



93BDA6



8FB9D5



D0A8C1



CDAE92

Rectangle

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



93BDA6



82BEC5



D0A8C1



D9A8A2

Sweetspot

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



93BDA6



E4F5EB



AABD93



717A75



FAFAFA



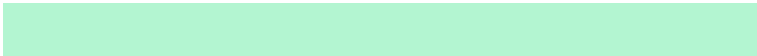
7A7A7A

Same Dimension

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



93BDA6



B3F5D1



93BDBB



555E59



009E48



001F0E

Inverse Universe

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



BD93AA



F5B3D7



BD9395



5E555A



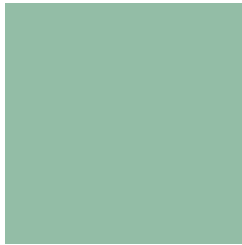
9E0057



1F0011

Previews

White Background



This preview shows how the Hex color 93BDA6 looks on a white background.

Color Contrast Check

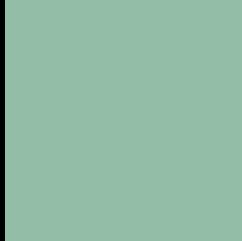
Large Text (above 18pt) WCAG AA × Fail

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 93BDA6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

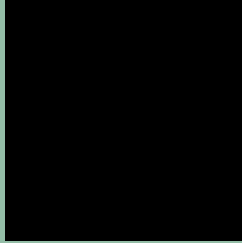
Any Text WCAG AA ✓ Pass

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 93BDA6 Background



This preview shows how black text looks on a background with the Hex color 93BDA6.

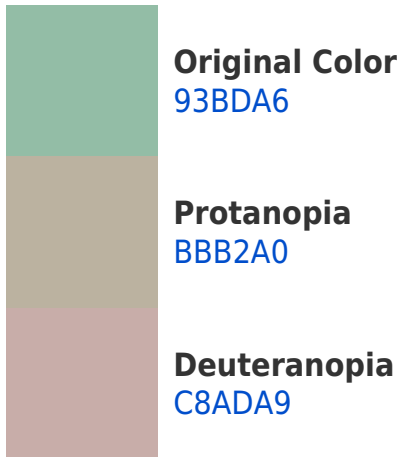


This preview shows how white text looks on a background with the Hex color 93BDA6.

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](#).

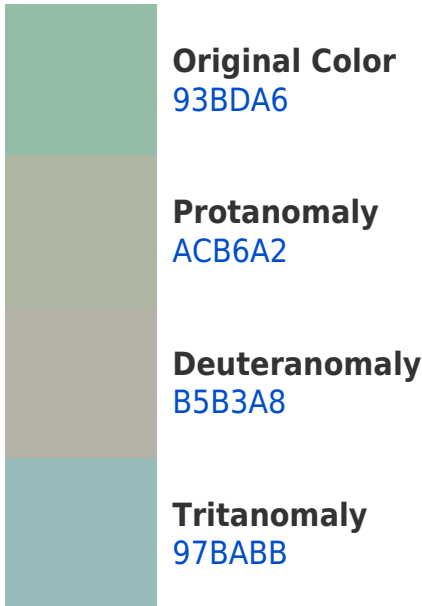
Dichromacy



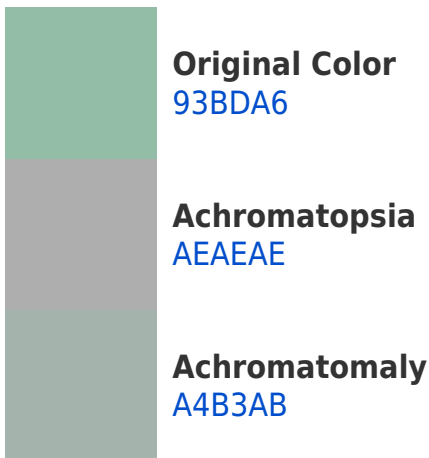


Tritanopia
99B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93BDA6 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 #93BDA6 looks like.

```
.text, #text, p{  
    color:#93BDA6  
}
```

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 #93BDA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BDA6
}
```

Border

The CSS property to change the border of an element to Hex 93BDA6 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
#93BDA6 }
```

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

```
.border{ border-color:#93BDA6 }
```

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

Here you see how a box with a 4 pixel #93BDA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BDA6; -webkit-box-shadow:4px 4px  
4px 4px #93BDA6; box-shadow:4px 4px 4px  
4px #93BDA6 }
```

Background

The CSS property to change the background color of an element to Hex 93BDA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BDA6 }
```

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

```
.background{ background-color:#93BDA6 }
```

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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