

Converting Colors

Hex(93BFB6)

Have a look what the booklet for
Hex(93BFB6) contains.

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Color

Hex(93BFB6)

Conversions

Conversions Part 1

Format	Color
Hex	93BFB6
RGB	147, 191, 182
RGB Percent	58%, 75%, 71%
CMY	0.4235, 0.2510, 0.2863
CMYK	0.23, 0.00, 0.05, 0.25
HSL	168°, 26%, 66%
HSV	168°, 23%, 75%
XYZ	39.1069, 46.8420, 51.2362
YIQ	176.8180, -23.3350, -12.1270

Conversions

Conversions Part 2

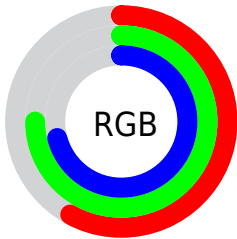
Format	Color
RYB	147, 172, 191
Decimal	9682870
CIELab	74.09, -16.43, -0.24
CIELCh	74, 16.430, 180.824
Yxy	46.8420, 0.2851, 0.3415
Android (android.graphics.Color)	4287872950 (0xFF93BFB6)
YUV	176.8180, 2.5547, -26.1504
Hunter-Lab	68.4412, -17.7784, 3.5234

Details

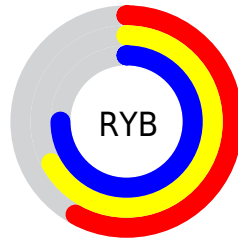
The Hex color **93BFB6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BF939C**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CAF7EE**, and **5F8981** is the 20% darker color. If you saturate the color by 10%, you get **80BFB2**, and if you desaturate by 10%, it is **A6BFBA**.

Distribution



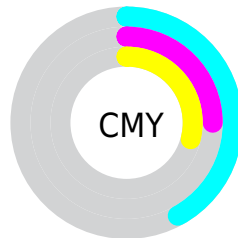
- Red (58%)
- Green (75%)
- Blue (71%)



- Red (58%)
- Yellow (67%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93BFB6 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 93BFB6 by changing the saturation by 10% instead.

 93BFB6

 93BFB6

FFFFFF

 79A49B

 CAF7EE

 5F8981

 E6FFFF

 467068

 2E5750

 164039

 002A24

 00170E

 000000

 93BFB6

 93BFB6

 80BF82

 A6BF8A

 6DBFAE

 B9BFBE

 5ABFAA

 CCBFC2

 47BFA6

 DFBFC6

 33BFA2

 F3BFCA

 20BF9F

 FFBFCD

 0DBF9B

 FFBFD1

 00BF98

 FFBFD5

 FFBFD9

Harmonies

Analogous

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



A0BDA7



93BFB6



8FBEC5

Triad

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



93BFB6



BAB2D0



CFB09C

Complementary

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



93BFB6



BF939C

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.



D6ADA7



93BFB6



CAAEC5

Square

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



93BFB6



A6B7D4



D4ACB6



C2B598

Rectangle

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



93BFB6



92BDCD



D4ACB6



D2AF9F

Sweetspot

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



93BFB6



E6F7F4



9DBF93



737D7B



FCFCFC



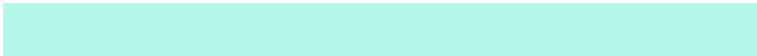
7D7D7D

Same Dimension

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



93BFB6



B2F7E9



93B3BF



555E5C



009E7E



001F18

Inverse Universe

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



BF939C



F7B2C0



BF9F93



5E5557



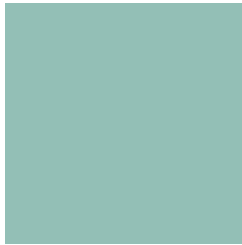
9E0020



1F0006

Previews

White Background



This preview shows how the Hex color 93BFB6 looks on a white background.

Color Contrast Check

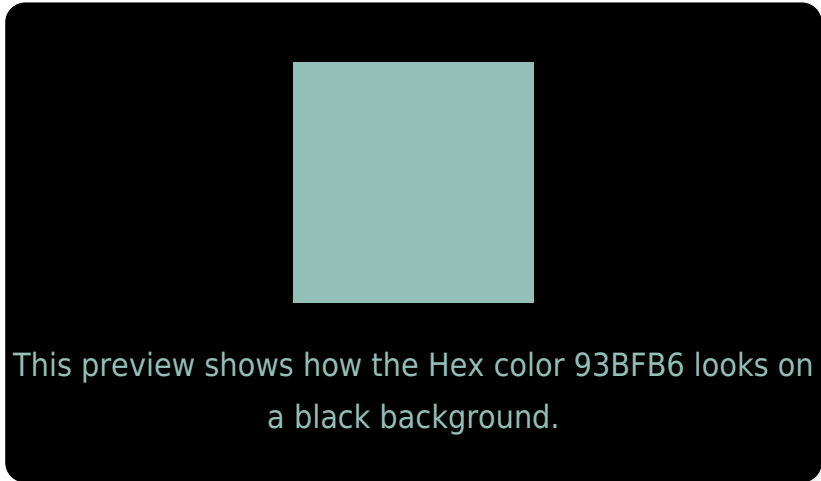
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

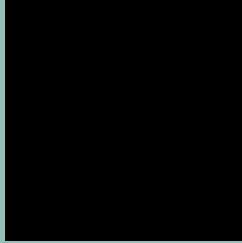
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

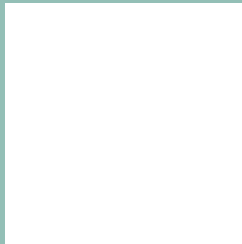
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 93BFB6 Background



This preview shows how black text looks on a background with the Hex color 93BFB6.



This preview shows how white text looks on a background with the Hex color 93BFB6.

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 93BFB6 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 #93BFB6 looks like.

```
.text, #text, p{  
    color:#93BFB6  
}
```

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 #93BFB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93BFB6
}
```

Border

The CSS property to change the border of an element to Hex 93BFB6 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
#93BFB6 }
```

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

```
.border{ border-color:#93BFB6 }
```

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

Here you see how a box with a 4 pixel #93BFB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93BFB6; -webkit-box-shadow:4px 4px  
4px 4px #93BFB6; box-shadow:4px 4px 4px  
4px #93BFB6 }
```

Background

The CSS property to change the background color of an element to Hex 93BFB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93BFB6 }
```

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

```
.background{ background-color:#93BFB6 }
```

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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