

Converting Colors

Hex(93BEAB)

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

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Color

Hex(93BEAB)

Conversions

Conversions Part 1

Format	Color
Hex	93BEAB
RGB	147, 190, 171
RGB Percent	58%, 75%, 67%
CMY	0.4235, 0.2549, 0.3294
CMYK	0.23, 0.00, 0.10, 0.25
HSL	153°, 25%, 66%
HSV	153°, 23%, 75%
XYZ	37.7968, 45.9702, 45.4091
YIQ	174.9770, -19.5290, -15.0250

Conversions

Conversions Part 2

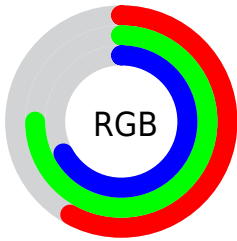
Format	Color
RYB	147, 175, 190
Decimal	9682603
CIELab	73.53, -18.20, 4.93
CIELCh	74, 18.860, 164.846
Yxy	45.9702, 0.2926, 0.3559
Android (android.graphics.Color)	4287872683 (0xFF93BEAB)
YUV	174.9770, -1.9607, -24.5358
Hunter-Lab	67.8013, -19.1452, 7.7522

Details

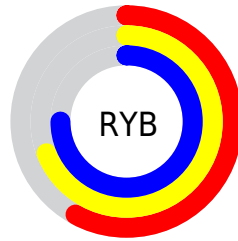
The Hex color **93BEAB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BE93A6**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAF6E2**, and **5F8877** is the 20% darker color. If you saturate the color by 10%, you get **80BEA3**, and if you desaturate by 10%, it is **A6BEB3**.

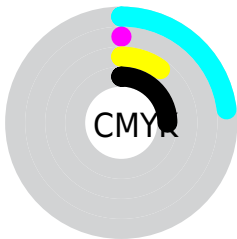
Distribution



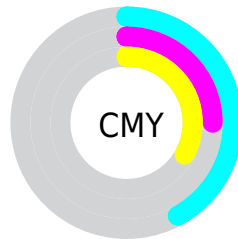
- Red (58%)
- Green (75%)
- Blue (67%)



- Red (58%)
- Yellow (69%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 93BEAB

 93BEAB

FFFFFF

 79A390

 CAF6E2

 5F8877

 E6FFFF

 476F5E

 2F5647

 183F30

 00291B

 001500

 000000

 93BEAB

 93BEAB

 80BEA3

 A6BEB3

 6DBE9A

 B9BEBC

 5ABE92

 CCBEC4

 47BE89

 DFBECD

 34BE81

 F2BED5

 21BE79

 FFBEDD

 0EBE70

 FFBEE6

 00BE6A

 FFBEEE

 FFBEF7

Harmonies

Analogous

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



A5BB9C



93BEAB



87BFBD

Triad

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



93BEAB



ACB3D6



D6AB9D

Complementary

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



93BEAB



BE93A6

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.



D9A9AC



93BEAB



C2ADCD

Square

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



93BEAB



96B9D5



D2A9BE



CAB094

Rectangle

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



93BEAB



86BEC8



D2A9BE



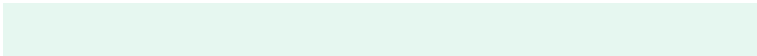
D8AAA2

Sweetspot

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



93BEAB



E6F7F0



A6BE93



737D79



FCFCFC



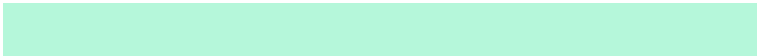
7D7D7D

Same Dimension

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



93BEAB



B5F7DA



93BCBE



555E5A



009E58



001F11

Inverse Universe

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



BE93A6



F7B5D2



BE9593



5E5559



9E0046



1F000E

Previews

White Background



This preview shows how the Hex color 93BEAB 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 93BEAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

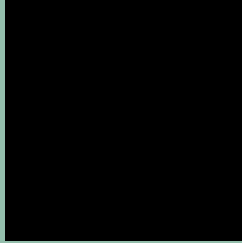
Any Text WCAG AA ✓ Pass

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 93BEAB Background



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

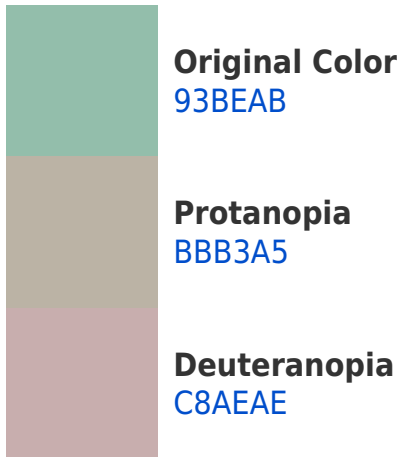


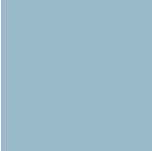
This preview shows how white text looks on a background with the Hex color 93BEAB.

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](#).

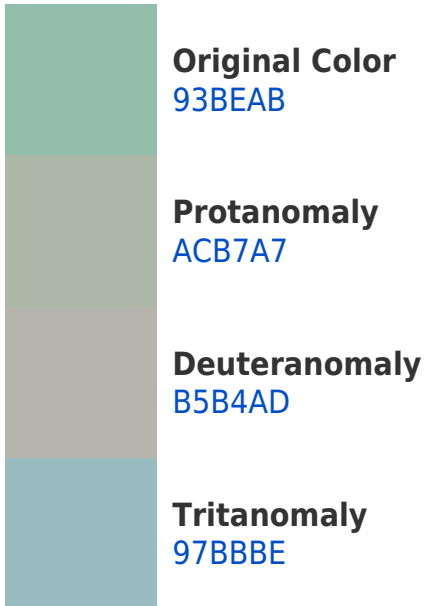
Dichromacy



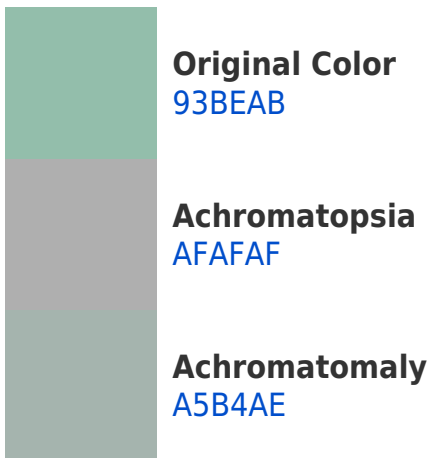


Tritanopia
99BAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93BEAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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