

Converting Colors

Hex(93BBBB)

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

Hex(93BBBB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93BBBB)

Conversions

Conversions Part 1

Format	Color
Hex	93BBBB
RGB	147, 187, 187
RGB Percent	58%, 73%, 73%
CMY	0.4235, 0.2667, 0.2667
CMYK	0.21, 0.00, 0.00, 0.27
HSL	180°, 23%, 65%
HSV	180°, 21%, 73%
XYZ	38.7726, 45.3315, 53.7200
YIQ	175.0400, -23.8400, -8.4800

Conversions

Conversions Part 2

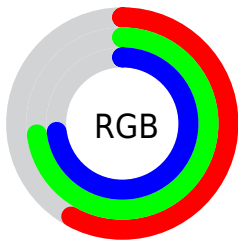
Format	Color
RYB	147, 167, 187
Decimal	9681851
CIELab	73.11, -13.27, -4.40
CIELCh	73, 13.981, 198.336
Yxy	45.3315, 0.2813, 0.3289
Android (android.graphics.Color)	4287871931 (0xFF93BBBB)
YUV	175.0400, 5.8963, -24.5911
Hunter-Lab	67.3287, -15.0324, -0.1760

Details

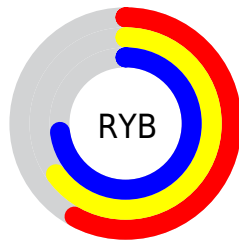
The Hex color **93BBBB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB9393**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CAF3F3**, and **5F8686** is the 20% darker color. If you saturate the color by 10%, you get **80BBBB**, and if you desaturate by 10%, it is **A6BBBB**.

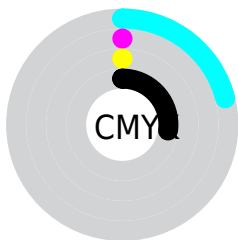
Distribution



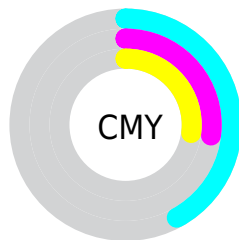
- Red (58%)
- Green (73%)
- Blue (73%)



- Red (58%)
- Yellow (65%)
- Blue (73%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (42%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

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

 93BBBB

 93BBBB

FFFFFF

 79A0A0

 CAF3F3

 5F8686

 E6FFFF

 476C6D

 2E5454

 163D3D

 002728

 001313

 000000

 93BBBB

 93BBBB

80BBBB

A6BBBB

6EBBBB

B8BBBB

5BBBBB

CBBBBB

48BBBB

DEBBBB

36BBBB

F1BBBB

23BBBB

FFBBBB

10BBBB

00BBBB

Harmonies

Analogous

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



9ABBAE



93BBBB



95B9C6

Triad

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



93BBBB



BFAEC5



C3B19B

Complementary

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



93BBBB



BB9393

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.



CCADA1



93BBBB



CBABB9

Square

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



93BBBB



B0B2CC



CFABAC



B5B59B

Rectangle

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



93BBBB



9BB7CB



CFABAC



C6B09C

Sweetspot

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



93BBBB



E4F2F2



93BB93



727A7A



FAFAFA



7A7A7A

Same Dimension

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



93BBBB



B3F2F2



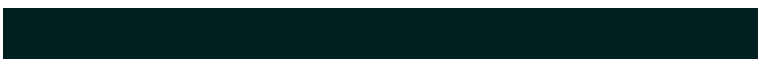
93A7BB



555E5E



009E9E



001F1F

Inverse Universe

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



BB93BB



F2B3F2



BBA793



5E555E



9E009E



1F001F

Previews

White Background



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

Color Contrast Check

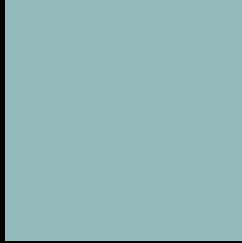
Large Text (above 18pt) WCAG AA × Fail

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 93BBBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

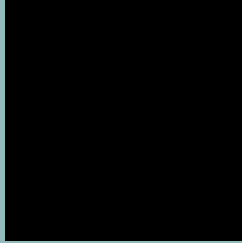
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

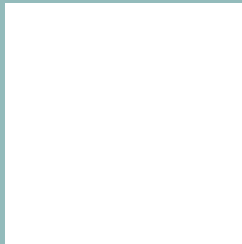
Any Text WCAG AAA ✓ Pass

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

Hex 93BBBB Background



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

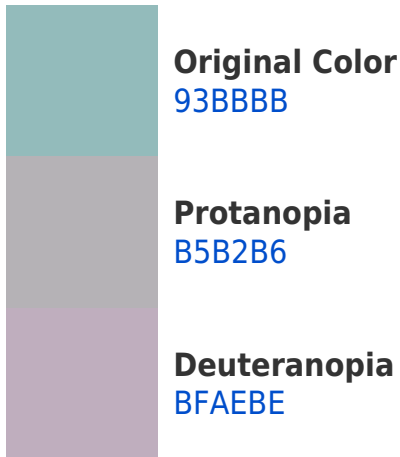


This preview shows how white text looks on a background with the Hex color 93BBBB.

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](#).

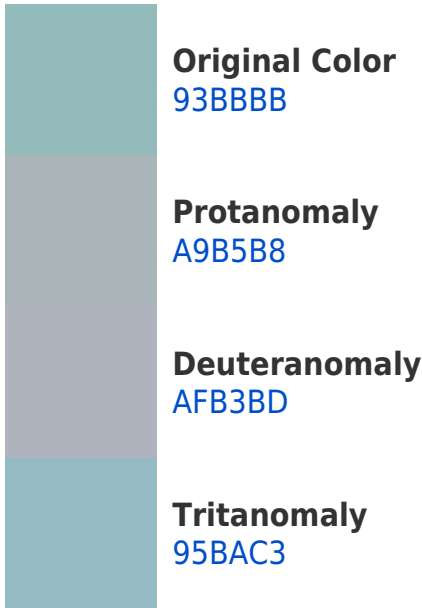
Dichromacy



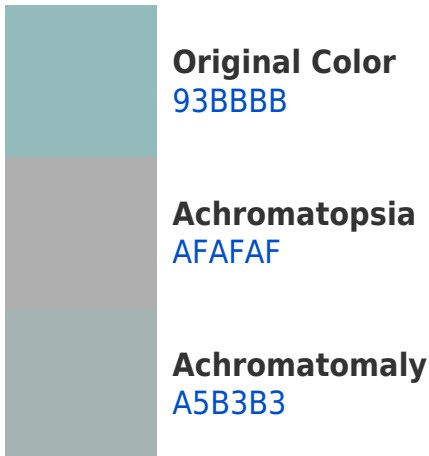


Tritanopia
96B9C8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #93BBBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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