

Converting Colors

Hex(93B2B0)

Have a look what the booklet for
Hex(93B2B0) contains.

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Color

Hex(93B2B0)

Conversions

Conversions Part 1

Format	Color
Hex	93B2B0
RGB	147, 178, 176
RGB Percent	58%, 70%, 69%
CMY	0.4235, 0.3020, 0.3098
CMYK	0.17, 0.00, 0.01, 0.30
HSL	176°, 17%, 64%
HSV	176°, 17%, 70%
XYZ	35.7895, 41.1784, 47.1362
YIQ	168.5030, -17.8340, -7.1940

Conversions

Conversions Part 2

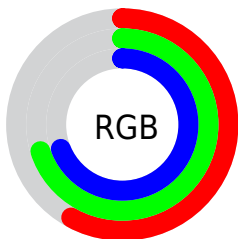
Format	Color
RYB	147, 163, 178
Decimal	9679536
CIELab	70.30, -10.93, -2.50
CIELCh	70, 11.212, 192.894
Yxy	41.1784, 0.2884, 0.3318
Android (android.graphics.Color)	4287869616 (0xFF93B2B0)
YUV	168.5030, 3.6960, -18.8581
Hunter-Lab	64.1704, -12.7442, 1.3680

Details

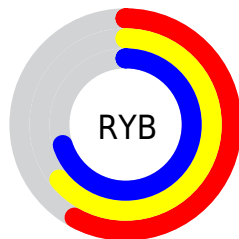
The Hex color **93B2B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B29395**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C9EAE8**, and **607D7C** is the 20% darker color. If you saturate the color by 10%, you get **81B2AF**, and if you desaturate by 10%, it is **A5B2B1**.

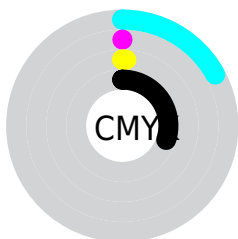
Distribution



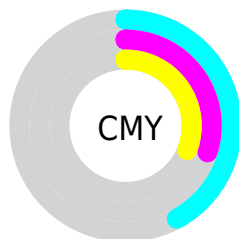
- Red (58%)
- Green (70%)
- Blue (69%)



- Red (58%)
- Yellow (64%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93B2B0 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 93B2B0 by changing the saturation by 10% instead.

 93B2B0

 93B2B0

FFFFFF

 799795

 C9EAE8


 607D7C

 E6FFFF

 486463

 304C4B

 1A3634

 04201F

 000207

 000000

 93B2B0

 93B2B0

81B2AF

A5B2B1

6FB2AE

B7B2B2

5EB2AD

C8B2B3

4CB2AB

DAB2B5

3AB2AA

ECB2B6

28B2A9

FEB2B7

16B2A8

FFB2B8

05B2A7

FFB2B9

00B2A7

FFB2BA

Harmonies

Analogous

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



99B2A6



93B2B0



93B1B9

Triad

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



93B2B0



B3A8BB



BAA999

Complementary

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



93B2B0



B29395

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.



C1A69E



93B2B0



BDA6B2

Square

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



93B2B0



A7ABC0



C2A5A8



B0AD98

Rectangle

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



93B2B0



98AFBE



C2A5A8



BDA89A

Sweetspot

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



93B2B0



DCE8E7



95B293



6E7575



F5F5F5



757575

Same Dimension

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



93B2B0



B7E8E5



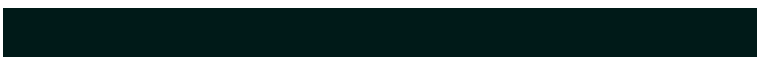
93A5B2



505959



00998F



001A18

Inverse Universe

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



B29395



E8B7BA



B2A093



595051



99000A



1A0002

Previews

White Background



This preview shows how the Hex color 93B2B0 looks on a white background.

Color Contrast Check

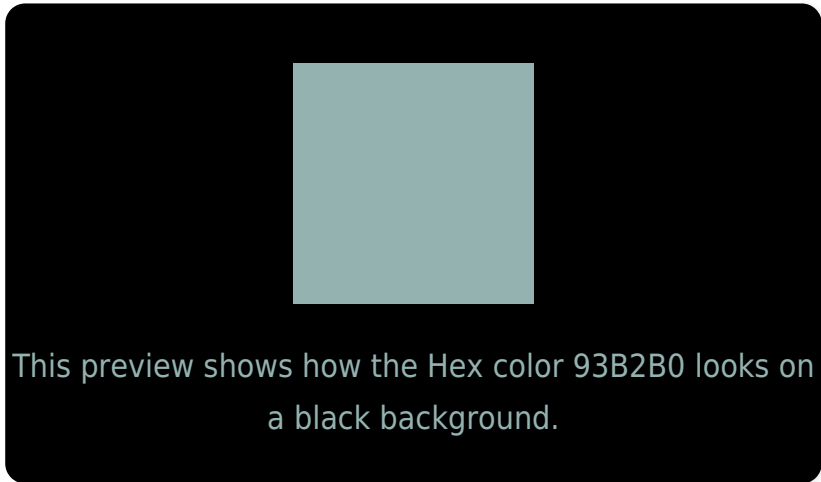
Large Text (above 18pt) WCAG AA × Fail

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

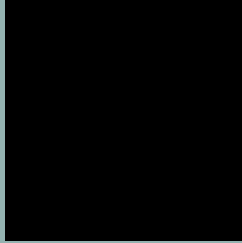
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

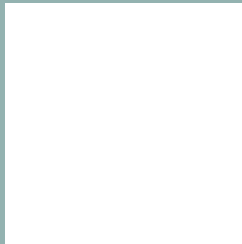
Any Text WCAG AAA ✓ Pass

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

Hex 93B2B0 Background



This preview shows how black text looks on a background with the Hex color 93B2B0.

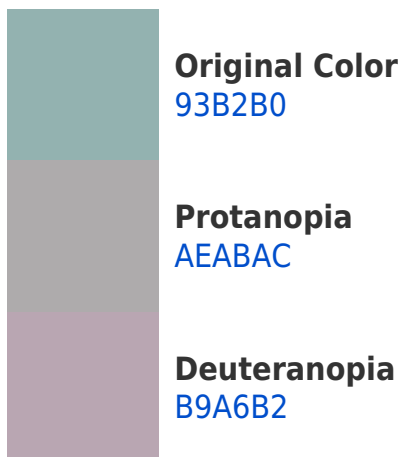


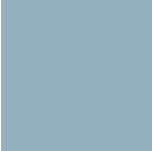
This preview shows how white text looks on a background with the Hex color 93B2B0.

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](#).

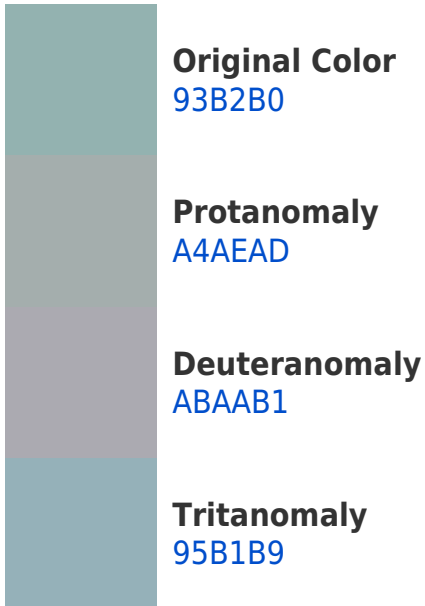
Dichromacy



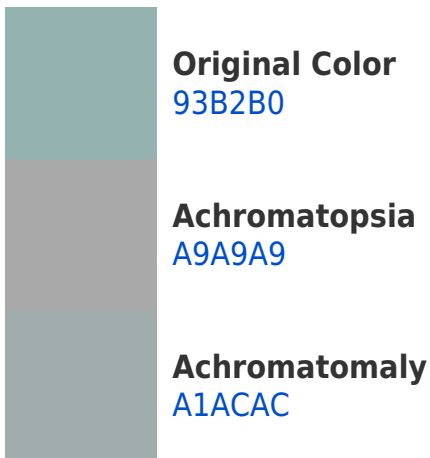


Tritanopia
96B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93B2B0 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 #93B2B0 looks like.

```
.text, #text, p{  
    color:#93B2B0  
}
```

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 #93B2B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93B2B0
}
```

Border

The CSS property to change the border of an element to Hex 93B2B0 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
#93B2B0 }
```

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

```
.border{ border-color:#93B2B0 }
```

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

Here you see how a box with a 4 pixel #93B2B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93B2B0; -webkit-box-shadow:4px 4px  
4px 4px #93B2B0; box-shadow:4px 4px 4px  
4px #93B2B0 }
```

Background

The CSS property to change the background color of an element to Hex 93B2B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93B2B0 }
```

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

```
.background{ background-color:#93B2B0 }
```

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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