

Converting Colors

Hex(93D8B0)

Have a look what the booklet for
Hex(93D8B0) contains.

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Color

Hex(93D8B0)

Conversions

Conversions Part 1

Format	Color
Hex	93D8B0
RGB	147, 216, 176
RGB Percent	58%, 85%, 69%
CMY	0.4235, 0.1529, 0.3098
CMYK	0.32, 0.00, 0.19, 0.15
HSL	145°, 47%, 71%
HSV	145°, 32%, 85%
XYZ	44.4250, 58.4494, 50.0147
YIQ	190.8090, -28.2840, -27.0680

Conversions

Conversions Part 2

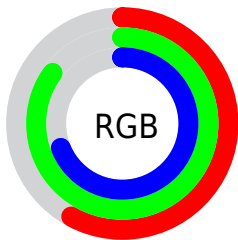
Format	Color
RYB	147, 196, 216
Decimal	9689264
CIELab	80.99, -30.02, 12.91
CIElCh	81, 32.677, 156.738
Yxy	58.4494, 0.2906, 0.3823
Android (android.graphics.Color)	4287879344 (0xFF93D8B0)
YUV	190.8090, -7.3008, -38.4205
Hunter-Lab	76.4522, -30.0683, 14.7293

Details

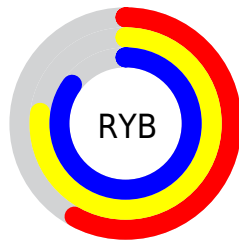
The Hex color **93D8B0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D893BB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CBFFE8**, and **5EA17B** is the 20% darker color. If you saturate the color by 10%, you get **7DD8A3**, and if you desaturate by 10%, it is **A9D8BD**.

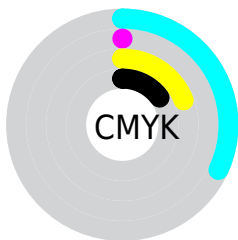
Distribution



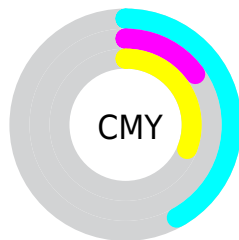
- Red (58%)
- Green (85%)
- Blue (69%)



- Red (58%)
- Yellow (77%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (42%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93D8B0 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 93D8B0 by changing the saturation by 10% instead.

 93D8B0

 93D8B0

FFFFFF

 78BC95

 CBFFE8

 5EA17B

 E7FFFF

 448662

 296D4B

 0A5434

 003C1E

 002607

 000700

 000000

 93D8B0

 93D8B0

 7DD8A3

 A9D8BD

 68D897

 BED8C9

 52D88A


 D4D8D6

 3DD87E

 E9D8E2

 27D871

 FFD8EF

 11D865

 FFD8FB

 00D85B

 FFD8FF

Harmonies

Analogous

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



B6D297



93D8B0



74DACF

Triad

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



93D8B0



ACCAFF



FFB6A6

Complementary

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



93D8B0



D893BB

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.



FFB2C3



93D8B0



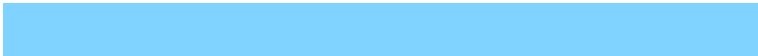
D6BFFA

Square

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



93D8B0



81D3FF



F6B6E2



F3BF92

Rectangle

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



93D8B0



69D9E3



F6B6E2



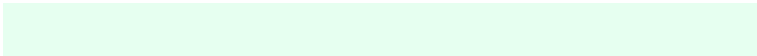
FFB4AF

Sweetspot

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



93D8B0



E6FFF0



BBD893



708077



000000



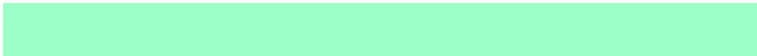
808080

Same Dimension

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



93D8B0



9EFFC7



93D8D2



606B65



00AB48



002B12

Inverse Universe

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



D893BB



FF9ED6



D89399



6B6067



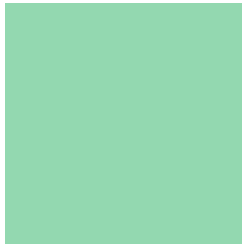
AB0063



2B0019

Previews

White Background



This preview shows how the Hex color 93D8B0 looks on a white background.

Color Contrast Check

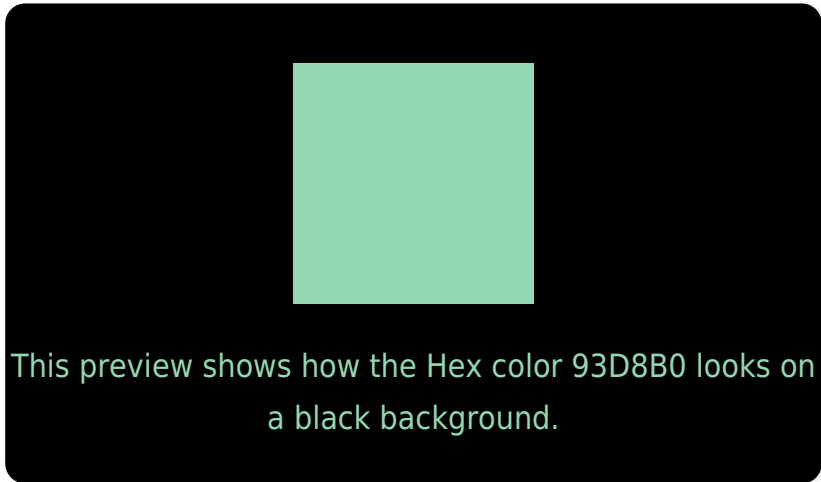
Large Text (above 18pt) WCAG AA × Fail

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

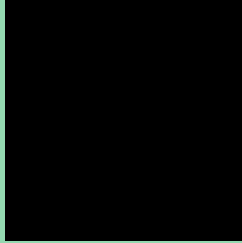
Any Text WCAG AA ✓ Pass

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 93D8B0 Background



This preview shows how black text looks on a background with the Hex color 93D8B0.

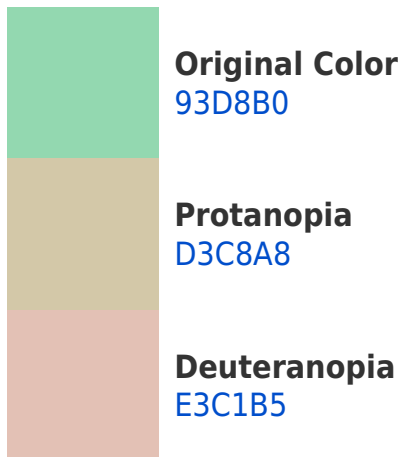


This preview shows how white text looks on a background with the Hex color 93D8B0.

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](#).

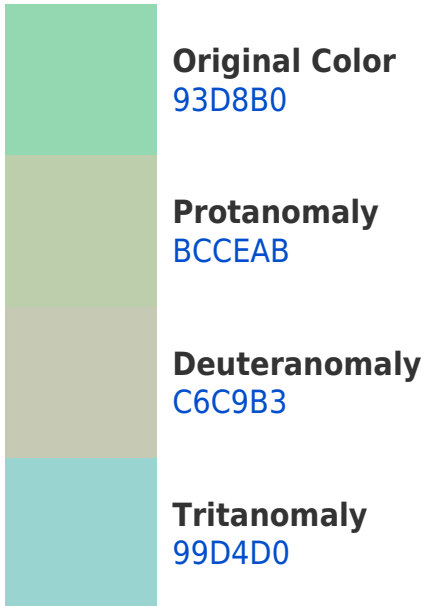
Dichromacy



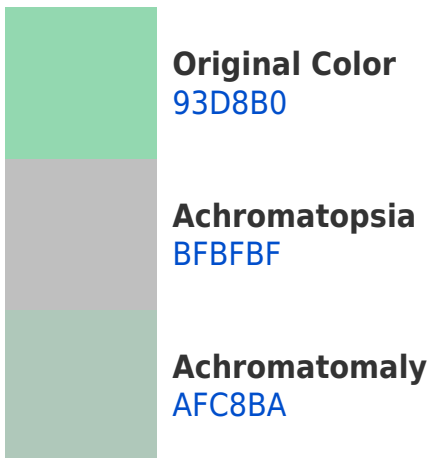


Tritanopia
9DD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93D8B0 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 #93D8B0 looks like.

```
.text, #text, p{  
    color:#93D8B0  
}
```

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 #93D8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D8B0
}
```

Border

The CSS property to change the border of an element to Hex 93D8B0 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
#93D8B0 }
```

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

```
.border{ border-color:#93D8B0 }
```

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

Here you see how a box with a 4 pixel #93D8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D8B0; -webkit-box-shadow:4px 4px  
4px 4px #93D8B0; box-shadow:4px 4px 4px  
4px #93D8B0 }
```

Background

The CSS property to change the background color of an element to Hex 93D8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D8B0 }
```

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

```
.background{ background-color:#93D8B0 }
```

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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