

# Converting Colors

Hex(94D1BA)

Have a look what the booklet for  
Hex(94D1BA) contains.

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# **Color**

**Hex(94D1BA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94D1BA
RGB	148, 209, 186
RGB Percent	58%, 82%, 73%
CMY	0.4196, 0.1804, 0.2706
CMYK	0.29, 0.00, 0.11, 0.18
HSL	157°, 40%, 70%
HSV	157°, 29%, 82%
XYZ	43.8761, 55.4420, 54.8432
YIQ	188.1390, -28.9730, -20.0850

# Conversions

## Conversions Part 2

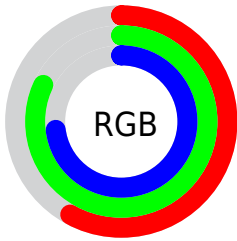
<b>Format</b>	<b>Color</b>
<b>RYB</b>	148, 186, 209
Decimal	9753018
CIELab	79.30, -24.33, 5.17
CIELCh	79, 24.873, 167.997
Yxy	55.4420, 0.2846, 0.3596
Android (android.graphics.Color)	4287943098 (0xFF94D1BA)
YUV	188.1390, -1.0545, -35.2019
Hunter-Lab	74.4594, -25.1205, 8.4514

# Details

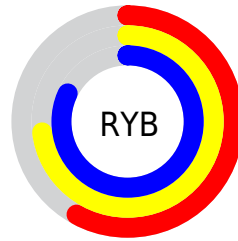
The Hex color **94D1BA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D194AB**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CBFFF2**, and **5F9A85** is the 20% darker color. If you saturate the color by 10%, you get **7FD1B2**, and if you desaturate by 10%, it is **A9D1C2**.

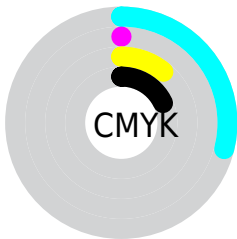
# Distribution



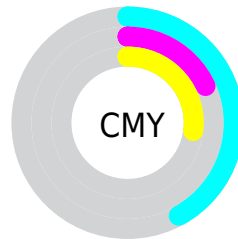
- Red (58%)
- Green (82%)
- Blue (73%)



- Red (58%)
- Yellow (73%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (11%)
- Black (18%)



- Cyan (42%)
- Magenta (18%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94D1BA 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 94D1BA by changing the saturation by 10% instead.



 94D1BA

 94D1BA

FFFFFF

 79B59F

 CBFFF2

 5F9A85

 E8FFFF

 46806C

 2C6753

 104E3C

 003727

 002212

 000000

 94D1BA

 94D1BA

 7FD1B2

 A9D1C2

 6AD1AA

 BED1CA

 55D1A2

 D3D1D2

 40D19A

 E8D1DA

 2CD193

 FDD1E1

 17D18B

 FFD1E9

 02D183

 FFD1F1

 00D182

 FFD1F9

 FFD1FF

# Harmonies

## Analogous

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



ADCDA5



94D1BA



84D2D2

# Triad

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



94D1BA



BCC2F0



EFB9A3

# Complementary

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



94D1BA



D194AB

# 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.



F4B4B7



94D1BA



D9BAE4

# Square

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



94D1BA



9DC9F1



EDB5CF



DFC098

# Rectangle

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



94D1BA



84D0E0



EDB5CF



F2B7A9



# Sweetspot

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



94D1BA



E8FFF6



ABD194



71807A



000000



808080

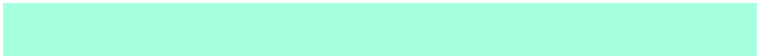


# Same Dimension

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



94D1BA



A6FFDD



94CAD1



5E6965



00A869



002919



# Inverse Universe

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



D194AB



FFA6C7



D19B94



695E62



A8003F



29000F



# Previews

## White Background



This preview shows how the Hex color 94D1BA looks on a white background.

## Color Contrast Check

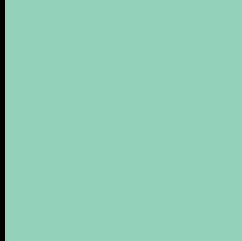
Large Text (above 18pt) WCAG AA × Fail

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 94D1BA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

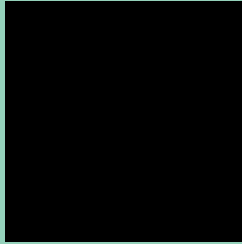
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

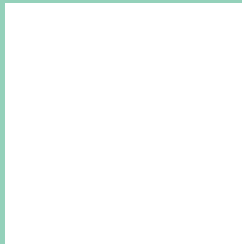
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 94D1BA Background



This preview shows how black text looks on a background with the Hex color 94D1BA.

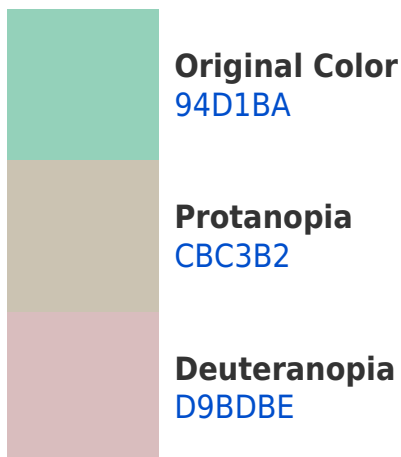


This preview shows how white text looks on a background with the Hex color 94D1BA.

# Color Blindness Simulation

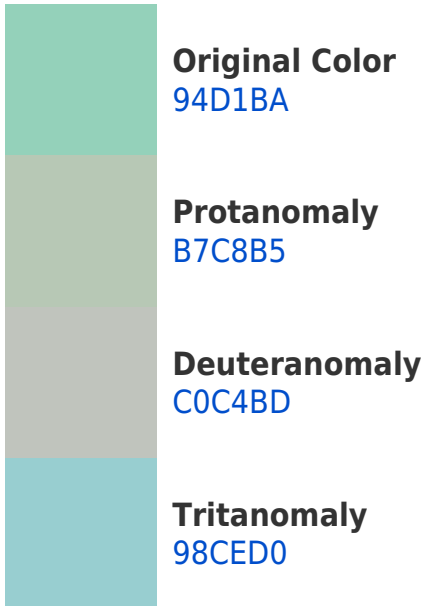
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

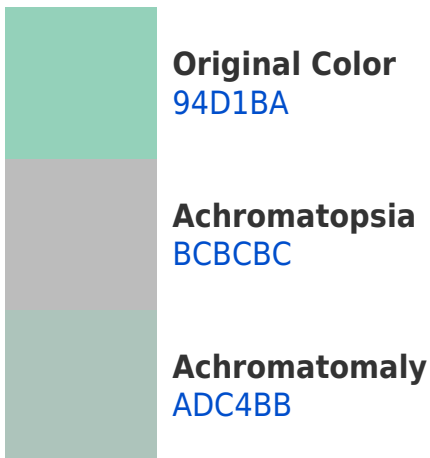




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94D1BA 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 #94D1BA looks like.

```
.text, #text, p{  
    color:#94D1BA  
}
```

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 #94D1BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D1BA
}
```

## Border

The CSS property to change the border of an element to Hex 94D1BA 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
#94D1BA }
```

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

```
.border{ border-color:#94D1BA }
```

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

Here you see how a box with a 4 pixel #94D1BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D1BA; -webkit-box-shadow:4px 4px  
4px 4px #94D1BA; box-shadow:4px 4px 4px  
4px #94D1BA }
```

# Background

The CSS property to change the background color of an element to Hex 94D1BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D1BA }
```

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

```
.background{ background-color:#94D1BA }
```

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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