

Converting Colors

Hex(94D1B1)

Have a look what the booklet for
Hex(94D1B1) contains.

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Color

Hex(94D1B1)

Conversions

Conversions Part 1

Format	Color
Hex	94D1B1
RGB	148, 209, 177
RGB Percent	58%, 82%, 69%
CMY	0.4196, 0.1804, 0.3059
CMYK	0.29, 0.00, 0.15, 0.18
HSL	149°, 40%, 70%
HSV	149°, 29%, 82%
XYZ	42.9490, 55.0712, 49.9611
YIQ	187.1130, -26.0840, -22.8840

Conversions

Conversions Part 2

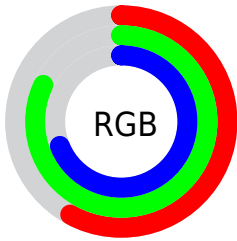
Format	Color
RYB	148, 189, 209
Decimal	9753009
CIELab	79.08, -26.15, 9.67
CIELCh	79, 27.884, 159.699
Yxy	55.0712, 0.2902, 0.3721
Android (android.graphics.Color)	4287943089 (0xFF94D1B1)
YUV	187.1130, -4.9857, -34.3021
Hunter-Lab	74.2099, -26.5605, 12.0305

Details

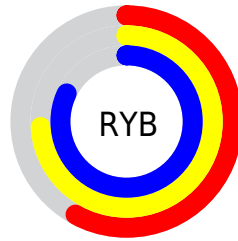
The Hex color **94D1B1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D194B4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **CBFFE9**, and **5F9A7C** is the 20% darker color. If you saturate the color by 10%, you get **7FD1A6**, and if you desaturate by 10%, it is **A9D1BC**.

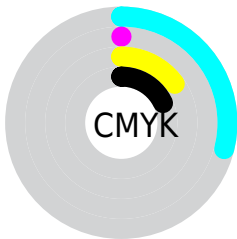
Distribution



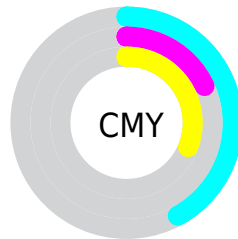
- Red (58%)
- Green (82%)
- Blue (69%)



- Red (58%)
- Yellow (74%)
- Blue (82%)



- Cyan (29%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (42%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94D1B1 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 94D1B1 by changing the saturation by 10% instead.

 94D1B1

 94D1B1

FFFFFF

 79B596

 CBFFE9

 5F9A7C

 E8FFFF

 468063

 2C674C

 114E35

 00371F

 002208

 000000

 94D1B1

 94D1B1

 7FD1A6

 A9D1BC

 6AD19B

 BED1C7

 55D190

 D3D1D2

 40D185

 E8D1DD

 2CD17A

 FDD1E8

 17D16F

 FFD1F3

 02D164

 FFD1FE

 00D163

 FFD1FF

Harmonies

Analogous

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



B1CC9B



94D1B1



7DD3CC

Triad

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



94D1B1



B0C3F7



F6B5A4

Complementary

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



94D1B1



D194B4

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.



F8B1BC



94D1B1



D3BAEC

Square

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



94D1B1



8DCBF4



ECB3D6



E6BC94

Rectangle

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



94D1B1



77D2DD



ECB3D6



F8B3AB

Sweetspot

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



94D1B1



E8FFF3



B5D194



718078



000000



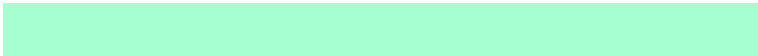
808080

Same Dimension

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



94D1B1



A6FFD0



94D1CF



5E6963



00A850



002913

Inverse Universe

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



D194B4



FFA6D5



D19496



695E64



A80058



290015

Previews

White Background



This preview shows how the Hex color 94D1B1 looks on a white background.

Color Contrast Check

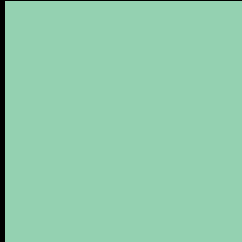
Large Text (above 18pt) WCAG AA × Fail

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 94D1B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

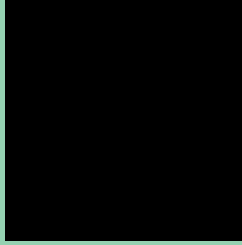
Any Text WCAG AA ✓ Pass

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 94D1B1 Background



This preview shows how black text looks on a background with the Hex color 94D1B1.

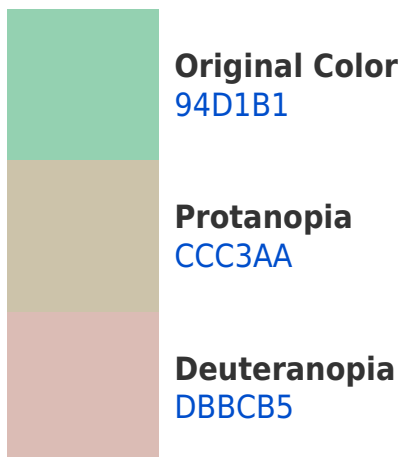


This preview shows how white text looks on a background with the Hex color 94D1B1.

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](#).

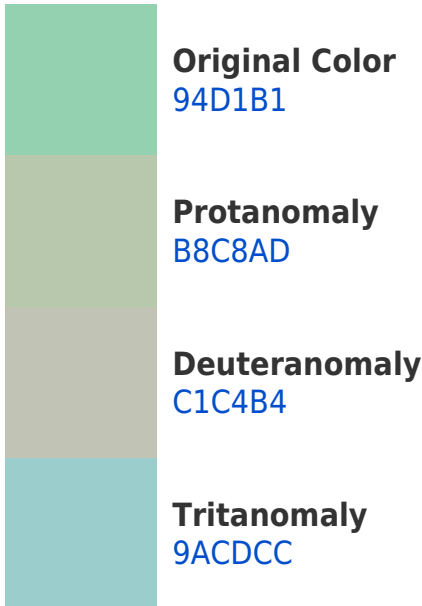
Dichromacy



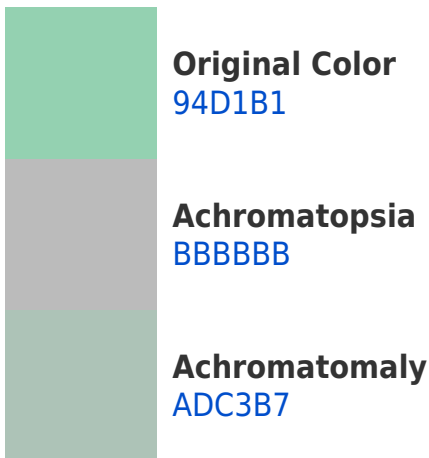


Tritanopia
9DCBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94D1B1 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 #94D1B1 looks like.

```
.text, #text, p{  
    color:#94D1B1  
}
```

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 #94D1B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D1B1
}
```

Border

The CSS property to change the border of an element to Hex 94D1B1 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
#94D1B1 }
```

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

```
.border{ border-color:#94D1B1 }
```

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

Here you see how a box with a 4 pixel #94D1B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D1B1; -webkit-box-shadow:4px 4px  
4px 4px #94D1B1; box-shadow:4px 4px 4px  
4px #94D1B1 }
```

Background

The CSS property to change the background color of an element to Hex 94D1B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D1B1 }
```

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

```
.background{ background-color:#94D1B1 }
```

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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