

Converting Colors

Hex(94DBB6)

Have a look what the booklet for
Hex(94DBB6) contains.

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Color

Hex(94DBB6)

Conversions

Conversions Part 1

Format	Color
Hex	94DBB6
RGB	148, 219, 182
RGB Percent	58%, 86%, 71%
CMY	0.4196, 0.1412, 0.2863
CMYK	0.32, 0.00, 0.17, 0.14
HSL	149°, 50%, 72%
HSV	149°, 32%, 86%
XYZ	45.9878, 60.3363, 53.4782
YIQ	193.5530, -30.4390, -26.5590

Conversions

Conversions Part 2

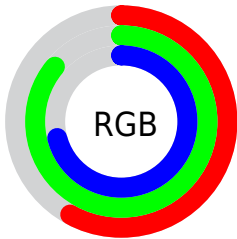
Format	Color
RYB	148, 196, 219
Decimal	9755574
CIELab	82.02, -29.97, 11.20
CIELCh	82, 31.999, 159.507
Yxy	60.3363, 0.2878, 0.3776
Android (android.graphics.Color)	4287945654 (0xFF94DBB6)
YUV	193.5530, -5.6956, -39.9500
Hunter-Lab	77.6765, -30.2543, 13.5539

Details

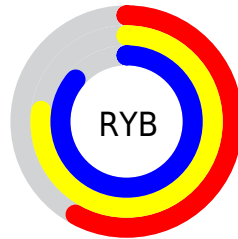
The Hex color **94DBB6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DB94B9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CCFFEE**, and **5FA481** is the 20% darker color. If you saturate the color by 10%, you get **7EDBAB**, and if you desaturate by 10%, it is **AADBC1**.

Distribution



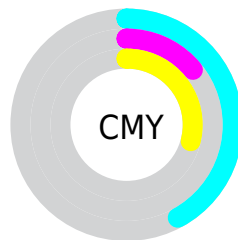
- Red (58%)
- Green (86%)
- Blue (71%)



- Red (58%)
- Yellow (77%)
- Blue (86%)



- Cyan (32%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94DBB6 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 94DBB6 by changing the saturation by 10% instead.

 94DBB6

 94DBB6

FFFFFF

 79BF9B

 CCFEE

 5FA481

 E9FFF

 448968

 2A6F50

 095739

 003F23

 00280E

 000D00

 000000

 94DBB6

 94DBB6

 7EDBAB

 AADBC1

 68DB9F

 C0DBCD

 52DB94


 D6DBD8

 3CDB88

 ECDBE4

 27DB7D

 FFDBEF

 11DB72

 FFDBFA

 00DB69

 FFDBFF

Harmonies

Analogous

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



B7D69D



94DBB6



77DDD5

Triad

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



94DBB6



B4CCFF



FFBAA7

Complementary

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



94DBB6



DB94B9

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.



FFB6C3



94DBB6



DDC1FA

Square

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



94DBB6



8AD5FF



FAB9E2



F3C394

Rectangle

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



94DBB6



6FDCE8



FAB9E2



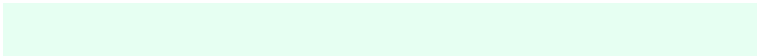
FFB8B0

Sweetspot

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



94DBB6



E6FFF2



BADB94



708078



000000



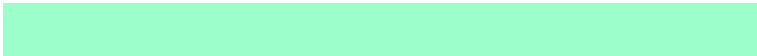
808080

Same Dimension

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



94DBB6



9CFFCB



94DBD9



636E68



00AD53



002E16

Inverse Universe

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



DB94B9



FF9CCF



DB9496



6E6368



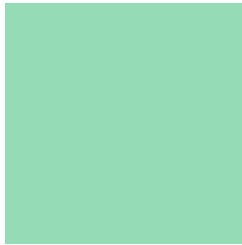
AD005A



2E0018

Previews

White Background



This preview shows how the Hex color 94DBB6 looks on a white background.

Color Contrast Check

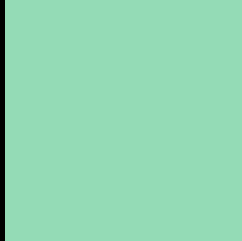
Large Text (above 18pt) WCAG AA × Fail

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 94DBB6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

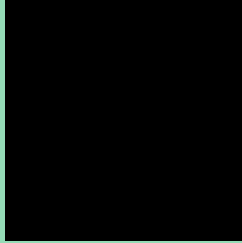
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

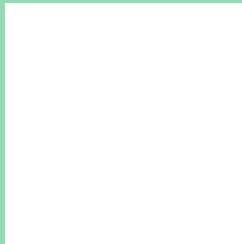
Any Text WCAG AAA ✓ Pass

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

Hex 94DBB6 Background



This preview shows how black text looks on a background with the Hex color 94DBB6.

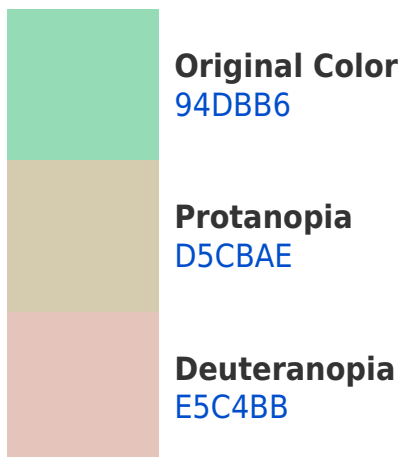


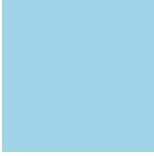
This preview shows how white text looks on a background with the Hex color 94DBB6.

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](#).

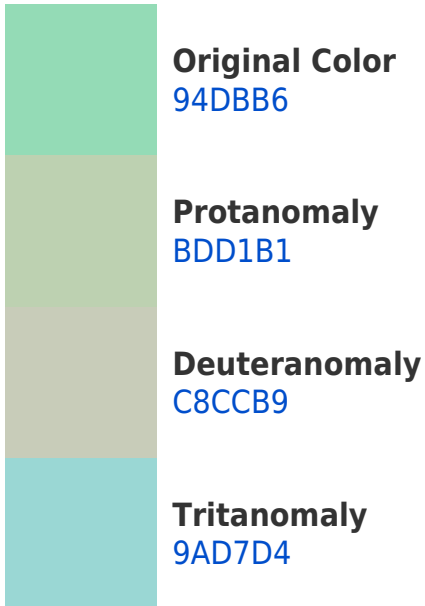
Dichromacy





Tritanopia
9ED4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94DBB6 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 #94DBB6 looks like.

```
.text, #text, p{  
    color:#94DBB6  
}
```

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 #94DBB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DBB6
}
```

Border

The CSS property to change the border of an element to Hex 94DBB6 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
#94DBB6 }
```

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

```
.border{ border-color:#94DBB6 }
```

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

Here you see how a box with a 4 pixel #94DBB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DBB6; -webkit-box-shadow:4px 4px  
4px 4px #94DBB6; box-shadow:4px 4px 4px  
4px #94DBB6 }
```

Background

The CSS property to change the background color of an element to Hex 94DBB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DBB6 }
```

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

```
.background{ background-color:#94DBB6 }
```

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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