

Converting Colors

Hex(94DCA9)

Have a look what the booklet for
Hex(94DCA9) contains.

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Color

Hex(94DCA9)

Conversions

Conversions Part 1

Format	Color
Hex	94DCA9
RGB	148, 220, 169
RGB Percent	58%, 86%, 66%
CMY	0.4196, 0.1373, 0.3373
CMYK	0.33, 0.00, 0.23, 0.14
HSL	138°, 51%, 72%
HSV	138°, 33%, 86%
XYZ	44.9674, 60.3469, 46.8142
YIQ	192.6580, -26.5410, -31.1250

Conversions

Conversions Part 2

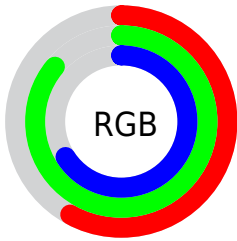
Format	Color
RYB	148, 204, 220
Decimal	9755817
CIELab	82.03, -32.92, 18.06
CIELCh	82, 37.552, 151.253
Yxy	60.3469, 0.2956, 0.3967
Android (android.graphics.Color)	4287945897 (0xFF94DCA9)
YUV	192.6580, -11.6634, -39.1651
Hunter-Lab	77.6832, -32.6200, 18.6484

Details

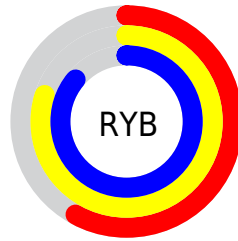
The Hex color **94DCA9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DC94C7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CCFFE0**, and **5EA575** is the 20% darker color. If you saturate the color by 10%, you get **7EDC99**, and if you desaturate by 10%, it is **AADCB9**.

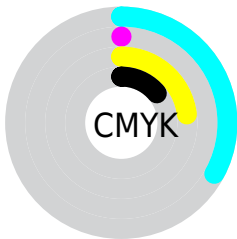
Distribution



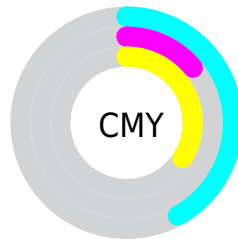
- Red (58%)
- Green (86%)
- Blue (66%)



- Red (58%)
- Yellow (80%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)



- Cyan (42%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94DCA9 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 94DCA9 by changing the saturation by 10% instead.

 94DCA9

 94DCA9

FFFFFF

 79C08E

 CCFFE0

 5EA575

 E9FFFD

 448A5C

 297044

 08572E

 003F18

 002900

 000E00

 000000

 94DCA9

 94DCA9

 7EDC99

 AADCB9

 68DC8A

 C0DCC8

 52DC7A

 D6DCD8

 3CDC6B

 ECDCE7

 26DC5B

 FFDCF7

 10DC4B

 FFDCFF

 00DC40

Harmonies

Analogous

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



BDD58F



94DCA9



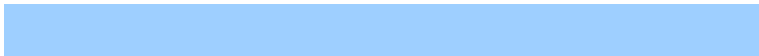
6BDFCC

Triad

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



94DCA9



9ECFFF



FFB4A9

Complementary

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



94DCA9



DC94C7

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.



FFB1CC



94DCA9



D3C2FF

Square

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



94DCA9



6AD9FF



FAB7EE



FFBE8F

Rectangle

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



94DCA9



56DFE4



FAB7EE



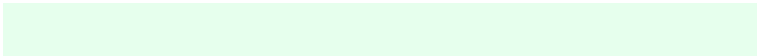
FFB2B4

Sweetspot

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



94DCA9



E6FFED



C8DC94



708075



000000



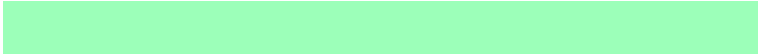
808080

Same Dimension

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



94DCA9



9CFFB9



94DCCC



636E66



00AD33



002E0D

Inverse Universe

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



DC94C7



FF9CE2



DC94A4



6E636A



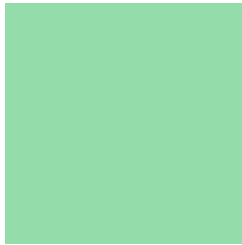
AD007B



2E0021

Previews

White Background



This preview shows how the Hex color 94DCA9 looks on a white background.

Color Contrast Check

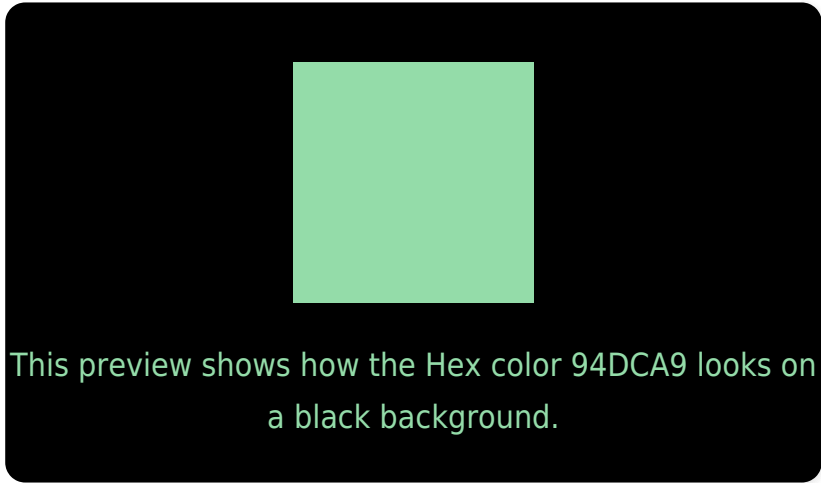
Large Text (above 18pt) WCAG AA × Fail

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

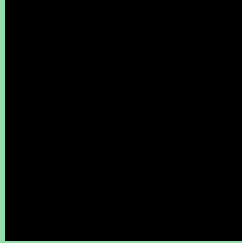
Any Text WCAG AA ✓ Pass

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 94DCA9 Background



This preview shows how black text looks on a background with the Hex color 94DCA9.

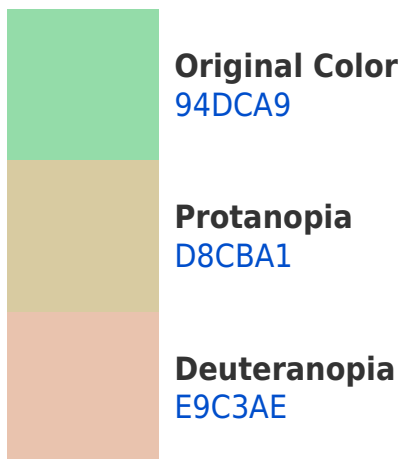


This preview shows how white text looks on a background with the Hex color 94DCA9.

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](#).

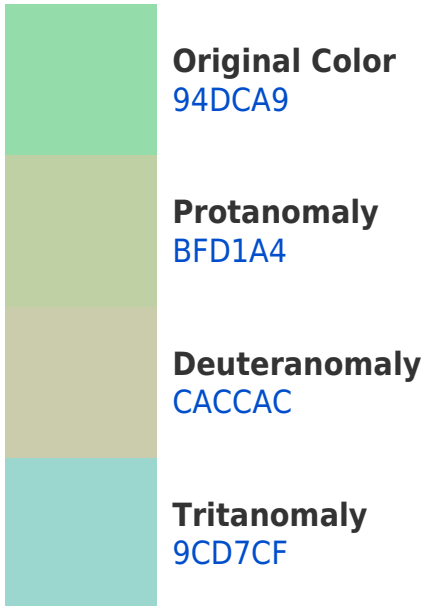
Dichromacy



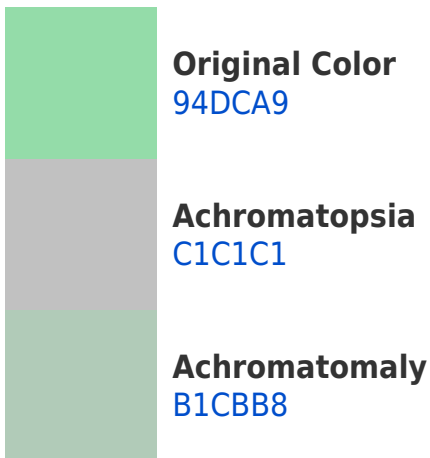


Tritanopia
A0D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94DCA9 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 #94DCA9 looks like.

```
.text, #text, p{  
    color:#94DCA9  
}
```

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 #94DCA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94DCA9
}
```

Border

The CSS property to change the border of an element to Hex 94DCA9 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
#94DCA9 }
```

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

```
.border{ border-color:#94DCA9 }
```

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

Here you see how a box with a 4 pixel #94DCA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94DCA9; -webkit-box-shadow:4px 4px  
4px 4px #94DCA9; box-shadow:4px 4px 4px  
4px #94DCA9 }
```

Background

The CSS property to change the background color of an element to Hex 94DCA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94DCA9 }
```

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

```
.background{ background-color:#94DCA9 }
```

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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