

Converting Colors

Hex(94D77A)

Have a look what the booklet for
Hex(94D77A) contains.

Hex(94D77A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94D77A)

Conversions

Conversions Part 1

Format	Color
Hex	94D77A
RGB	148, 215, 122
RGB Percent	58%, 84%, 48%
CMY	0.4196, 0.1569, 0.5216
CMYK	0.31, 0.00, 0.43, 0.16
HSL	103°, 54%, 66%
HSV	103°, 43%, 84%
XYZ	40.0260, 56.3019, 27.1701
YIQ	184.3650, -10.0790, -43.1270

Conversions

Conversions Part 2

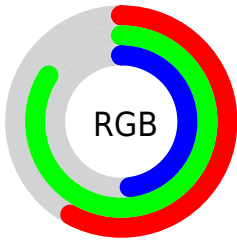
Format	Color
RYB	122, 215, 189
Decimal	9754490
CIELab	79.79, -38.09, 39.23
CIElCh	80, 54.683, 134.155
Yxy	56.3019, 0.3241, 0.4559
Android (android.graphics.Color)	4287944570 (0xFF94D77A)
YUV	184.3650, -30.7459, -31.8921
Hunter-Lab	75.0346, -36.0925, 31.0552

Details

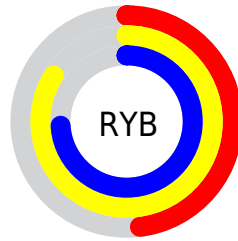
The Hex color **94D77A** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BD7AD7**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **CCFFB0**, and **5EA047** is the 20% darker color. If you saturate the color by 10%, you get **85D765**, and if you desaturate by 10%, it is **A3D790**.

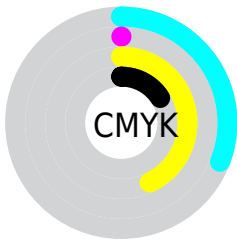
Distribution



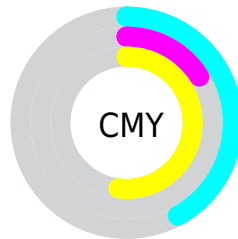
- Red (58%)
- Green (84%)
- Blue (48%)



- Red (48%)
- Yellow (84%)
- Blue (74%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94D77A 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 94D77A by changing the saturation by 10% instead.

 94D77A

 94D77A

FFFFFF

 79BB60

 CCFFB0

 5EA047

 E9FFCC

 43852E

 FFFFE8

 276C15

 035300

 003B00

 002600

 000000

 94D77A

 94D77A

 85D765

 A3D790

 75D74F

 B3D7A5

 66D73A

 C2D7BB

 56D724

 D2D7D0

 47D70E

 E1D7E6

 3CD700

 F1D7FB

 FFD7FF

Harmonies

Analogous

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



CDCB5F



94D77A



43DEA8

Triad

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



94D77A



00D3FF



FF9CAF

Complementary

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



94D77A



BD7AD7

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.



FF9FE3



94D77A



9DC3FF

Square

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



94D77A



00DCFF



E9AFFF



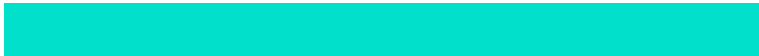
FFA781

Rectangle

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



94D77A



00E0CB



E9AFFF



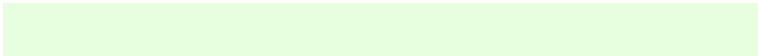
FF9BC1

Sweetspot

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



94D77A



E7FFDE



D7BD7A



71806B



000000



808080

Same Dimension

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



94D77A



9FFF7A



7AD78E



636B60



30AB00



0C2B00

Inverse Universe

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



BD7AD7



DA7AFF



D77AC3



68606B



7B00AB



1F002B

Previews

White Background



This preview shows how the Hex color 94D77A looks on a white background.

Color Contrast Check

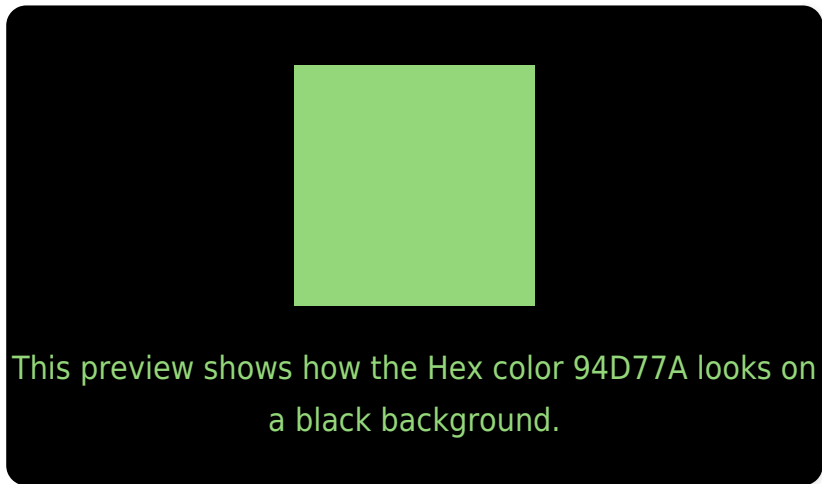
Large Text (above 18pt) WCAG AA × Fail

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 94D77A Background



This preview shows how black text looks on a background with the Hex color 94D77A.

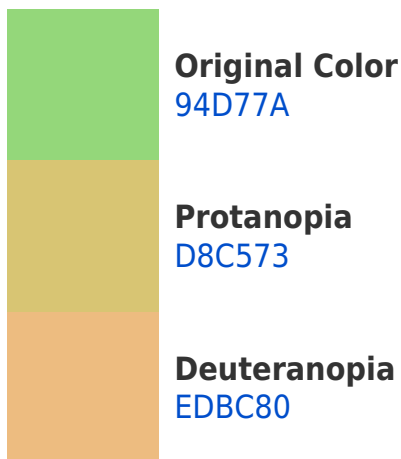


This preview shows how white text looks on a background with the Hex color 94D77A.

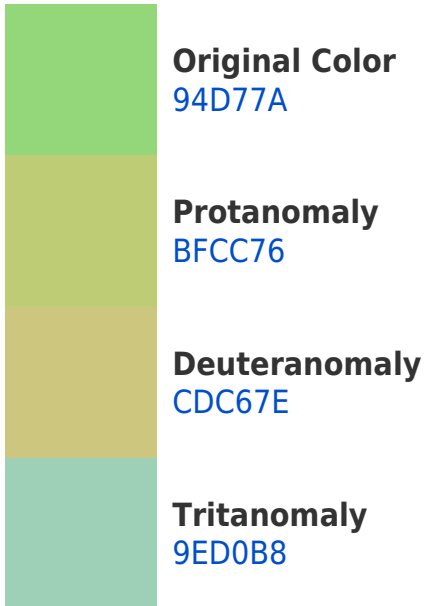
Color Blindness Simulation

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](#).

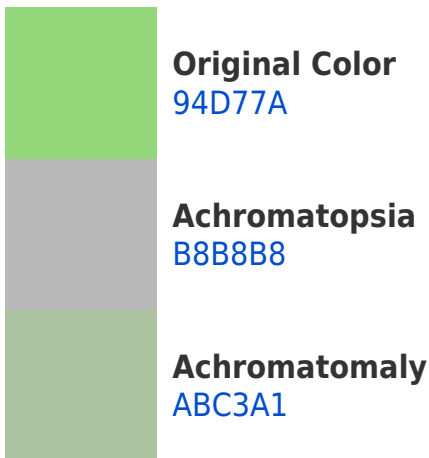
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 94D77A 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 #94D77A looks like.

```
.text, #text, p{  
    color:#94D77A  
}
```

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 #94D77A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94D77A
}
```

Border

The CSS property to change the border of an element to Hex 94D77A 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
#94D77A }
```

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

```
.border{ border-color:#94D77A }
```

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

Here you see how a box with a 4 pixel #94D77A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94D77A; -webkit-box-shadow:4px 4px  
4px 4px #94D77A; box-shadow:4px 4px 4px  
4px #94D77A }
```

Background

The CSS property to change the background color of an element to Hex 94D77A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94D77A }
```

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

```
.background{ background-color:#94D77A }
```

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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