

# Converting Colors

Hex(8DAA84)

Have a look what the booklet for  
Hex(8DAA84) contains.

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# **Color**

**Hex(8DAA84)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DAA84
RGB	141, 170, 132
RGB Percent	55%, 67%, 52%
CMY	0.4471, 0.3333, 0.4824
CMYK	0.17, 0.00, 0.22, 0.33
HSL	106°, 18%, 59%
HSV	106°, 22%, 67%
XYZ	29.5241, 36.0781, 27.2375
YIQ	156.9970, -5.0860, -17.9660

# Conversions

## Conversions Part 2

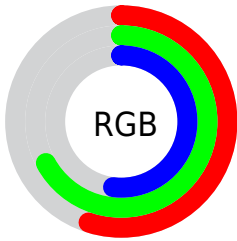
Format	Color
<a href="#">RYB</a>	<a href="#">132, 170, 161</a>
Decimal	<a href="#">9284228</a>
CIELab	<a href="#">66.58, -17.32, 16.36</a>
CIELCh	<a href="#">67, 23.828, 136.638</a>
Yxy	<a href="#">36.0781, 0.3180, 0.3886</a>
Android (android.graphics.Color)	<a href="#">4287474308 (0xFF8DAA84)</a>
YUV	<a href="#">156.9970, -12.3235, -14.0294</a>
Hunter-Lab	<a href="#">60.0651, -17.3748, 15.1595</a>

# Details

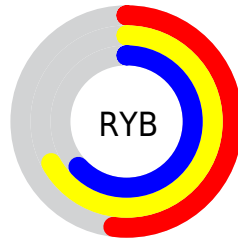
The Hex color **8DAA84** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A184AA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **C3E1B9**, and **5A7652** is the 20% darker color. If you saturate the color by 10%, you get **80AA73**, and if you desaturate by 10%, it is **9AAA95**.

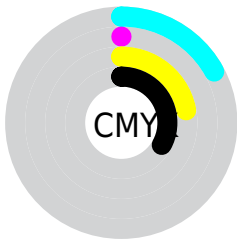
# Distribution



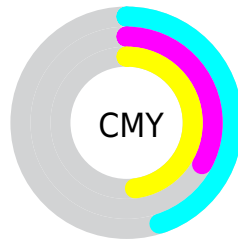
- Red (55%)
- Green (67%)
- Blue (52%)



- Red (52%)
- Yellow (67%)
- Blue (63%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (33%)



- Cyan (45%)
- Magenta (33%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DAA84 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 8DAA84 by changing the saturation by 10% instead.





8DAA84



8DAA84

FFFFFF



738F6B



C3E1B9



5A7652



DF FED5



425D3B



FCFFF1



2B4525



152F10



001B00



000000



8DAA84



8DAA84



80AA73



9AAA95

 73AA62

 A7AAA6

 66AA51

 B4AAB7

 59AA40

 C1AAC8

 4CAA2F

 CEAAD9

 3FAA1E

 DBAAEA

 32AA0D

 E8AAFB

 28AA00

 F5AAFF

 FFAAFF

# Harmonies

## Analogous

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



A5A479



8DAA84



75AD97

# Triad

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



8DAA84



7BA7CB



CE9397

# Complementary

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



8DAA84



A184AA

# 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.



C793AC



8DAA84



98A0CB

# Square

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



8DAA84



66ACCO



B498BF



C99784

# Rectangle

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



8DAA84



69AEA6



B498BF



CD929E



# Sweetspot

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



8DAA84



D2DECE



AAA084



697067



F0F0F0



707070



# Same Dimension

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



8DAA84



B0DEA2



84AA8E



4E544C



239400



051400



# Inverse Universe

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



A184AA



D0A2DE



AA84A0



524C54



710094



100014



# Previews

## White Background



This preview shows how the Hex color 8DAA84 looks on a white background.

## Color Contrast Check

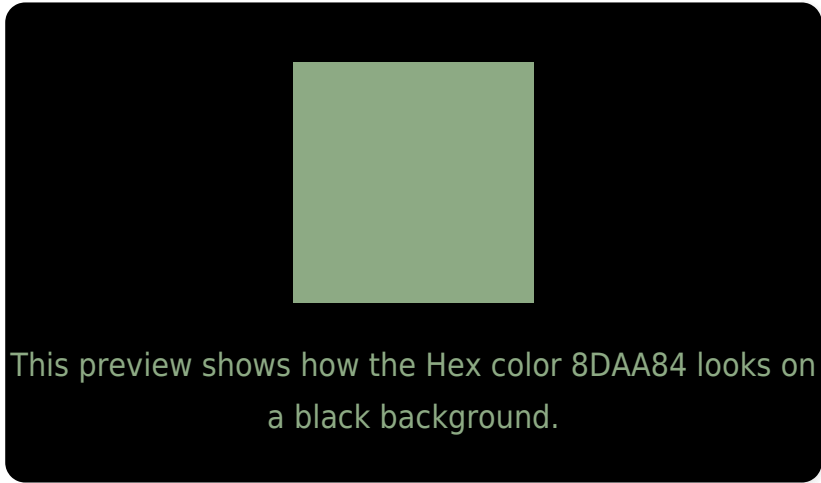
Large Text (above 18pt) WCAG AA × Fail

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

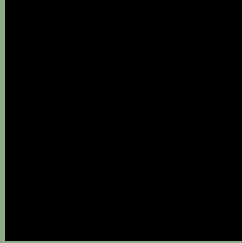
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

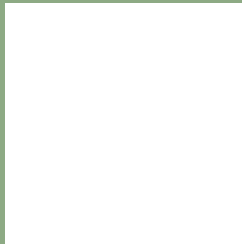
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8DAA84 Background



This preview shows how black text looks on a background with the Hex color 8DAA84.

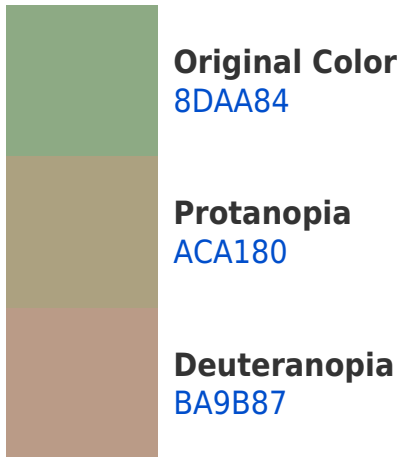


This preview shows how white text looks on a background with the Hex color 8DAA84.

# 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](#).

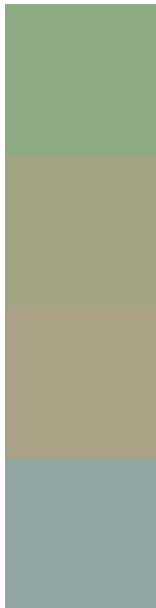
## Dichromacy





**Tritanopia**  
94A4B1

# Trichromacy



**Original Color**  
8DAA84

**Protanomaly**  
A1A481

**Deuteranomaly**  
AAA086

**Tritanomaly**  
91A6A1

# Monochromacy



**Original Color**  
8DAA84

**Achromatopsia**  
9D9D9D

**Achromatomaly**  
97A294

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DAA84 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 #8DAA84 looks like.

```
.text, #text, p{  
    color:#8DAA84  
}
```

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 #8DAA84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DAA84
}
```

## Border

The CSS property to change the border of an element to Hex 8DAA84 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
#8DAA84 }
```

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

```
.border{ border-color:#8DAA84 }
```

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

Here you see how a box with a 4 pixel #8DAA84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DAA84; -webkit-box-shadow:4px 4px  
4px 4px #8DAA84; box-shadow:4px 4px 4px  
4px #8DAA84 }
```

# Background

The CSS property to change the background color of an element to Hex 8DAA84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DAA84 }
```

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

```
.background{ background-color:#8DAA84 }
```

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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