

# Converting Colors

Hex(8DA587)

Have a look what the booklet for  
Hex(8DA587) contains.

<b>Hex(8DA587)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(8DA587)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8DA587
RGB	141, 165, 135
RGB Percent	55%, 65%, 53%
CMY	0.4471, 0.3529, 0.4706
CMYK	0.15, 0.00, 0.18, 0.35
HSL	108°, 14%, 59%
HSV	108°, 18%, 65%
XYZ	28.8128, 34.3223, 28.0279
YIQ	154.4040, -4.6740, -14.4180

# Conversions

## Conversions Part 2

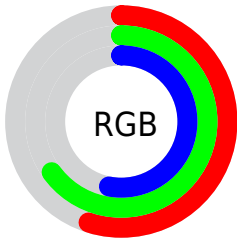
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 165, 159
Decimal	9282951
CIELab	65.22, -14.19, 12.80
CIELCh	65, 19.117, 137.946
Yxy	34.3223, 0.3161, 0.3765
Android (android.graphics.Color)	4287473031 (0xFF8DA587)
YUV	154.4040, -9.5662, -11.7553
Hunter-Lab	58.5852, -14.7359, 12.6445

# Details

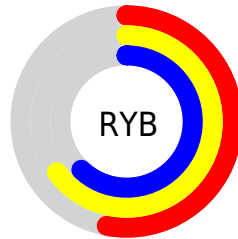
The Hex color **8DA587** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9F87A5**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **C3DCBC**, and **5B7155** is the 20% darker color. If you saturate the color by 10%, you get **80A576**, and if you desaturate by 10%, it is **9AA598**.

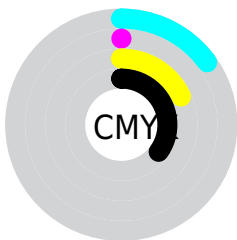
# Distribution



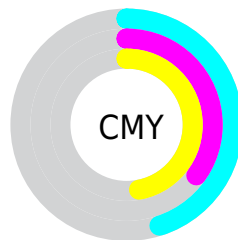
- Red (55%)
- Green (65%)
- Blue (53%)



- Red (53%)
- Yellow (65%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA587 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 8DA587 by changing the saturation by 10% instead.





8DA587



8DA587

FFFFFF



738B6E



C3DCBC



5B7155



DFF9D8



43593E



FCFF5



2C4128



172B13



001800



000000



8DA587



8DA587



80A576



9AA598

 73A566

 A7A5A8

 65A555

 B5A5B8

 58A545

 C2A5C9

 4BA534

 CFA5D9

 3EA524

 DCA5EA

 31A513

 E9A5FA

 23A503

 F7A5FF

 21A500

 FFA5FF

# Harmonies

## Analogous

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



A1A07E



8DA587



7BA897

# Triad

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



8DA587



82A2BF



C29295

# Complementary

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



8DA587



9F87A5

# 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.



BC93A6



8DA587



989CBF

# Square

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



8DA587



72A6B7



AE97B5



BE9686

# Rectangle

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



8DA587



73A8A2



AE97B5



C1929A



# Sweetspot

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



8DA587



CED6CB



A59F87



666B65



EBEBEB



6B6B6B



# Same Dimension

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



8DA587



B1D6A7



87A590



4B5249



1D9100



041200



# Inverse Universe

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



9F87A5



CDA7D6



A5879C



504952



740091



0E0012



# Previews

## White Background



This preview shows how the Hex color 8DA587 looks on a white background.

## Color Contrast Check

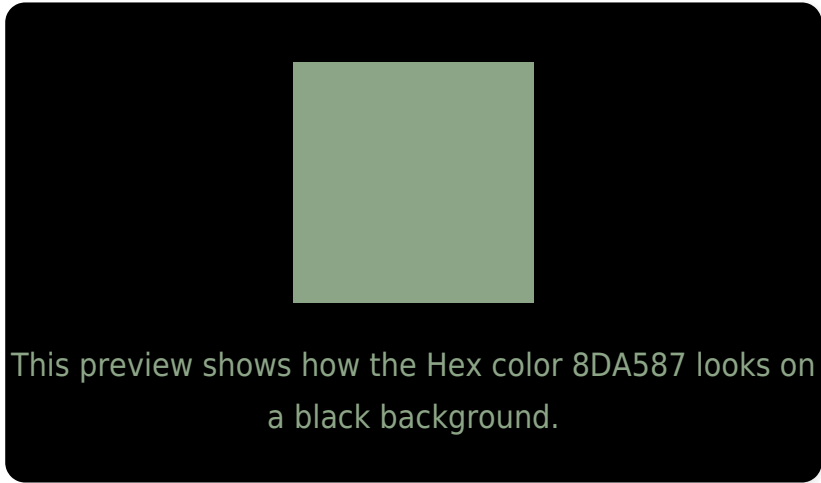
Large Text (above 18pt) WCAG AA × Fail

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

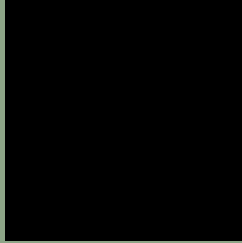
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8DA587 Background



This preview shows how black text looks on a background with the Hex color 8DA587.

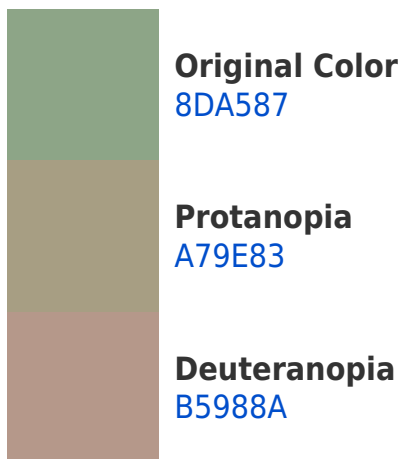


This preview shows how white text looks on a background with the Hex color 8DA587.

# 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](#).

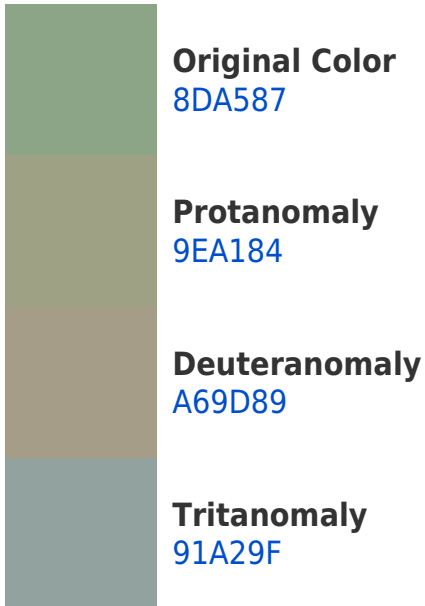
## Dichromacy



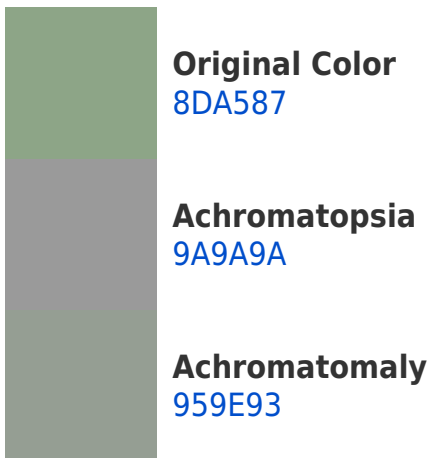


**Tritanopia**  
93A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA587 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 #8DA587 looks like.

```
.text, #text, p{  
    color:#8DA587  
}
```

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 #8DA587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA587
}
```

## Border

The CSS property to change the border of an element to Hex 8DA587 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
#8DA587 }
```

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

```
.border{ border-color:#8DA587 }
```

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

Here you see how a box with a 4 pixel #8DA587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA587; -webkit-box-shadow:4px 4px  
4px 4px #8DA587; box-shadow:4px 4px 4px  
4px #8DA587 }
```

# Background

The CSS property to change the background color of an element to Hex 8DA587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA587 }
```

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

```
.background{ background-color:#8DA587 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor