

# Converting Colors

Hex(8DA86B)

Have a look what the booklet for  
Hex(8DA86B) contains.

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# **Color**

**Hex(8DA86B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8DA86B
RGB	141, 168, 107
RGB Percent	55%, 66%, 42%
CMY	0.4471, 0.3412, 0.5804
CMYK	0.16, 0.00, 0.36, 0.34
HSL	87°, 26%, 54%
HSV	87°, 36%, 66%
XYZ	27.6410, 34.7295, 19.1566
YIQ	152.9730, 3.4890, -24.6950

# Conversions

## Conversions Part 2

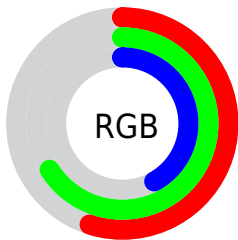
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 168, 134
Decimal	9283691
CIELab	65.54, -20.19, 28.51
CIELCh	66, 34.938, 125.302
Yxy	34.7295, 0.3390, 0.4260
Android (android.graphics.Color)	4287473771 (0xFF8DA86B)
YUV	152.9730, -22.6647, -10.5003
Hunter-Lab	58.9318, -19.4081, 21.9792

# Details

The Hex color **8DA86B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **866BA8**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C3DF9F**, and **5A743A** is the 20% darker color. If you saturate the color by 10%, you get **86A85A**, and if you desaturate by 10%, it is **94A87C**.

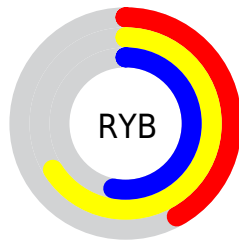
# Distribution



Red (55%)

Green (66%)

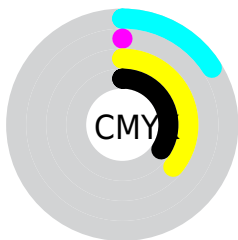
Blue (42%)



Red (42%)

Yellow (66%)

Blue (53%)

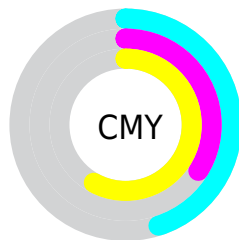


Cyan (16%)

Magenta (0%)

Yellow (36%)

Black (34%)



Cyan (45%)

Magenta (34%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8DA86B 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 8DA86B by changing the saturation by 10% instead.



 8DA86B

 8DA86B

FFFFFF

 738E52

 C3DF9F

 5A743A

 E0FCBA

 415B23

 FDFFD6

 2A440D

 FFFFFF3

 152D00

 001A00

 000000

 8DA86B

 8DA86B

 86A85A

 94A87C

 7EA849

 9CA88D

 77A839

 A3A89D

 6FA828

 ABA8AE

 68A817

 B2A8BF

 60A806

 BAA8D0

 5EA800

 C1A8E1

 C8A8F1

 D0A8FF

# Harmonies

## Analogous

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



AF9F60



8DA86B



67AE84

# Triad

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



8DA86B



46A9D7



DB879B

# Complementary

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



8DA86B



866BA8

# 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.



CB8BBA



8DA86B



7BA0DD

# Square

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



8DA86B



1FAFC2



AA95D2



DA8B7D

# Rectangle

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



8DA86B



4BB099



AA95D2



D887A5



# Sweetspot

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



8DA86B



D1DBC3



A8856B



676E5F



EDEDED



6E6E6E



# Same Dimension

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



8DA86B



B1DB7B



6FA86B



50544C



529400



0B1400



# Inverse Universe

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



866BA8



A67BDB



A46BA8



4F4C54



410094



090014



# Previews

## White Background



This preview shows how the Hex color 8DA86B looks on a white background.

## Color Contrast Check

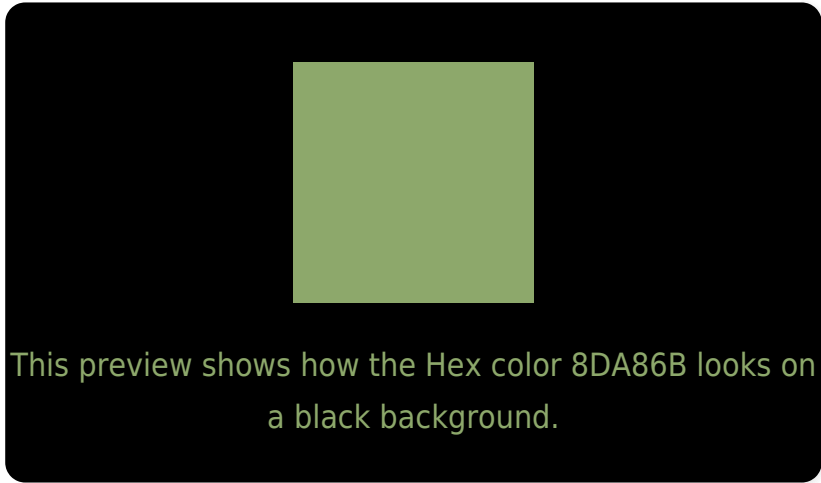
Large Text (above 18pt) WCAG AA × Fail

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 8DA86B Background



This preview shows how black text looks on a background with the Hex color 8DA86B.



This preview shows how white text looks on a background with the Hex color 8DA86B.

# 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](#).

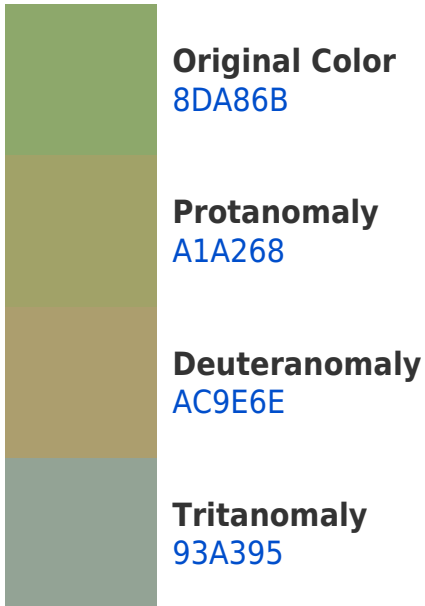
## Dichromacy



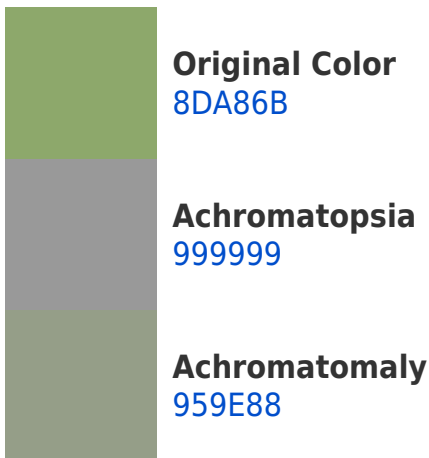


**Tritanopia**  
96A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8DA86B 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 #8DA86B looks like.

```
.text, #text, p{  
    color:#8DA86B  
}
```

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 #8DA86B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8DA86B
}
```

## Border

The CSS property to change the border of an element to Hex 8DA86B 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
#8DA86B }
```

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

```
.border{ border-color:#8DA86B }
```

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

Here you see how a box with a 4 pixel #8DA86B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8DA86B; -webkit-box-shadow:4px 4px  
4px 4px #8DA86B; box-shadow:4px 4px 4px  
4px #8DA86B }
```

# Background

The CSS property to change the background color of an element to Hex 8DA86B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8DA86B }
```

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

```
.background{ background-color:#8DA86B }
```

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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