

# Converting Colors

Hex(8CA26D)

Have a look what the booklet for  
Hex(8CA26D) contains.

<b>Hex(8CA26D)</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(8CA26D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8CA26D
RGB	140, 162, 109
RGB Percent	55%, 64%, 43%
CMY	0.4510, 0.3647, 0.5725
CMYK	0.14, 0.00, 0.33, 0.36
HSL	85°, 22%, 53%
HSV	85°, 33%, 64%
XYZ	26.4959, 32.5202, 19.3486
YIQ	149.3800, 3.9010, -21.1470

# Conversions

## Conversions Part 2

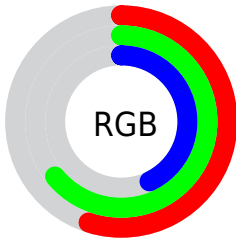
Format	Color
<a href="#">RYB</a>	<a href="#">109, 162, 131</a>
Decimal	<a href="#">9216621</a>
CIELab	<a href="#">63.77, -17.21, 25.09</a>
CIElCh	<a href="#">64, 30.430, 124.448</a>
Yxy	<a href="#">32.5202, 0.3381, 0.4150</a>
Android (android.graphics.Color)	<a href="#">4287406701 (0xFF8CA26D)</a>
YUV	<a href="#">149.3800, -19.9073, -8.2263</a>
Hunter-Lab	<a href="#">57.0265, -16.8611, 19.8020</a>

# Details

The Hex color **8CA26D** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **836DA2**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C2D9A1**, and **596E3D** is the 20% darker color. If you saturate the color by 10%, you get **85A25D**, and if you desaturate by 10%, it is **93A27D**.

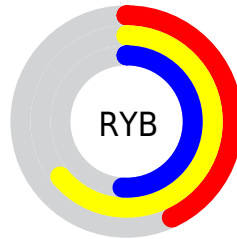
# Distribution



Red (55%)

Green (64%)

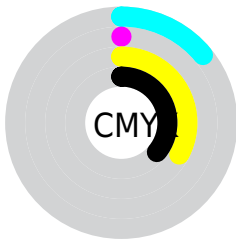
Blue (43%)



Red (43%)

Yellow (64%)

Blue (51%)

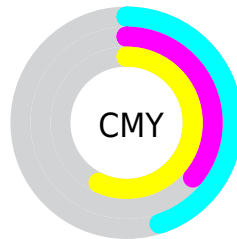


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CA26D 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 8CA26D by changing the saturation by 10% instead.





8CA26D



8CA26D

FFFFFF



728854



C2D9A1



596E3D



DEF5BC



415626



FBFFD8



2A3F10



FFFFF5



162800



001600



000000



8CA26D



8CA26D



85A25D



93A27D

 7FA24D

 99A28D

 78A23C

 A0A29E

 71A22C

 A7A2AE

 6AA21C

 AEA2BE

 64A20C

 B4A2CE

 5FA200

 BBA2DE

 C2A2EF

 C9A2FF

# Harmonies

## Analogous

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



A99A64



8CA26D



6CA782

# Triad

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



8CA26D



53A4CB



CF8697

# Complementary

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



8CA26D



836DA2

# 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.



C08AB2



8CA26D



7C9CD0

# Square

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



8CA26D



3DA8B8



A392C7



CE897D

# Rectangle

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



8CA26D



57A994



A392C7



CC86A1



# Sweetspot

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



8CA26D



CBD4BE



A2826D



666B5E



EBEBEB



6B6B6B



# Same Dimension

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



8CA26D



B1D481



72A26D



4E5249



559100



0A1200



# Inverse Universe

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



836DA2



A381D4



9D6DA2



4D4952



3C0091



070012



# Previews

## White Background



This preview shows how the Hex color 8CA26D looks on a white background.

## Color Contrast Check

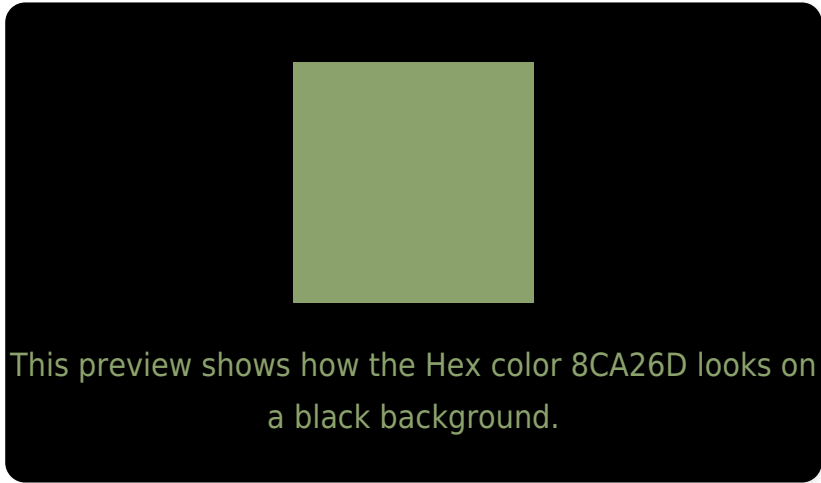
Large Text (above 18pt) WCAG AA × Fail

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

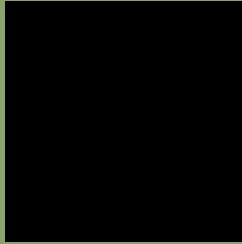
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8CA26D Background



This preview shows how black text looks on a background with the Hex color 8CA26D.

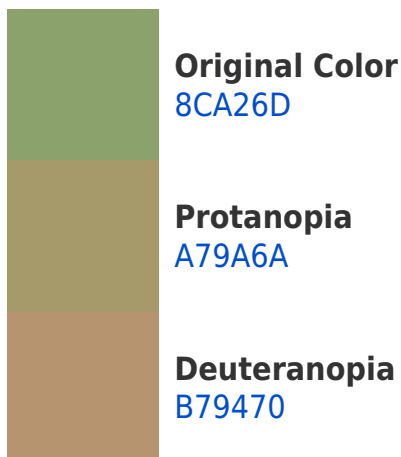


This preview shows how white text looks on a background with the Hex color 8CA26D.

# 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](#).

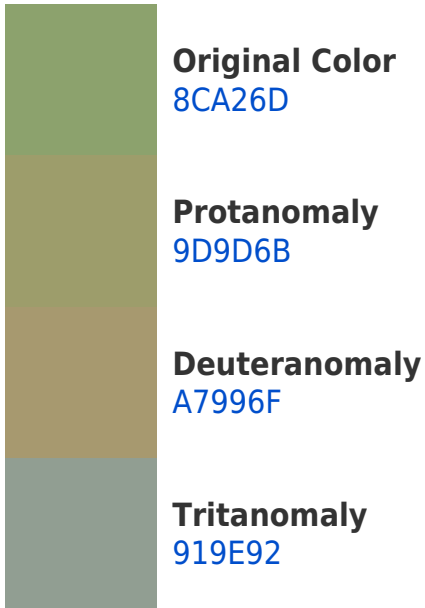
## Dichromacy



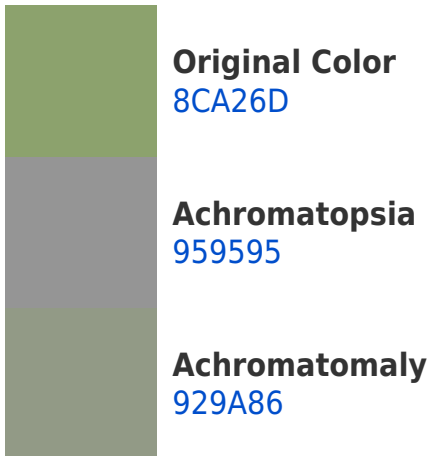


**Tritanopia**  
949BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CA26D 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 #8CA26D looks like.

```
.text, #text, p{  
    color:#8CA26D  
}
```

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 #8CA26D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA26D
}
```

## Border

The CSS property to change the border of an element to Hex 8CA26D 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
#8CA26D }
```

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

```
.border{ border-color:#8CA26D }
```

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

Here you see how a box with a 4 pixel #8CA26D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA26D; -webkit-box-shadow:4px 4px  
4px 4px #8CA26D; box-shadow:4px 4px 4px  
4px #8CA26D }
```

# Background

The CSS property to change the background color of an element to Hex 8CA26D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA26D }
```

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

```
.background{ background-color:#8CA26D }
```

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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