

# Converting Colors

Hex(80A26A)

Have a look what the booklet for  
Hex(80A26A) contains.

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**Color**

**Hex(80A26A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A26A
RGB	128, 162, 106
RGB Percent	50%, 64%, 42%
CMY	0.4980, 0.3647, 0.5843
CMYK	0.21, 0.00, 0.35, 0.36
HSL	96°, 23%, 53%
HSV	96°, 35%, 64%
XYZ	24.4239, 31.4705, 18.4228
YIQ	145.4500, -2.2880, -24.6240

# Conversions

## Conversions Part 2

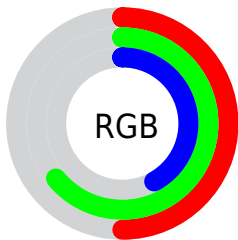
Format	Color
<a href="#">RYB</a>	<a href="#">106, 162, 140</a>
Decimal	<a href="#">8430186</a>
CIELab	<a href="#">62.90, -22.22, 25.42</a>
CIELCh	<a href="#">63, 33.762, 131.155</a>
Yxy	<a href="#">31.4705, 0.3286, 0.4235</a>
Android (android.graphics.Color)	<a href="#">4286620266 (0xFF80A26A)</a>
YUV	<a href="#">145.4500, -19.4488, -15.3036</a>
Hunter-Lab	<a href="#">56.0985, -20.4579, 19.7981</a>

# Details

The Hex color **80A26A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8C6AA2**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B6D99E**, and **4D6E3A** is the 20% darker color. If you saturate the color by 10%, you get **76A25A**, and if you desaturate by 10%, it is **8AA27A**.

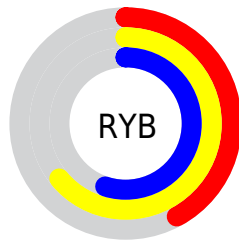
# Distribution



Red (50%)

Green (64%)

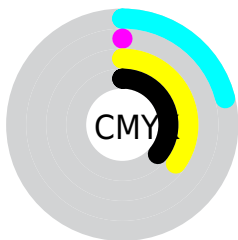
Blue (42%)



Red (42%)

Yellow (64%)

Blue (55%)

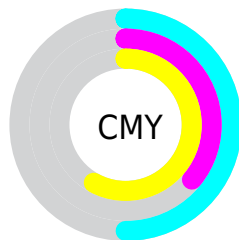


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A26A 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 80A26A by changing the saturation by 10% instead.



 80A26A

 80A26A

FFFFFF

 668851

 B6D99E

 4D6E3A

 D2F6B9

 355623

 EEFFD5

 1E3E0D

 FFFFF1

 092800

 001200

 000000

 80A26A

 80A26A

 76A25A

 8AA27A

 6CA24A

 94A28A

 62A239

 9EA29B

 59A229

 A7A2AB

 4FA219

 B1A2BB

 45A209

 BBA2CB

 40A200

 C5A2DB

 CFA2EC

 D9A2FC

# Harmonies

## Analogous

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



A19A5D



80A26A



5BA784

# Triad

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



80A26A



4DA1D0



D3818E

# Complementary

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



80A26A



8C6AA2

# 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.



C783AC



80A26A



7F97D3

# Square

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



80A26A



21A6BF



AA8CC5



CE8672

# Rectangle

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



80A26A



40A898



AA8CC5



D18198



# Sweetspot

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



80A26A



C7D4BE



A28C6A



636B5E



EBEBEB



6B6B6B



# Same Dimension

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



80A26A



9FD47D



6AA270



4D5249



399100



071200



# Inverse Universe

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



8C6AA2



B27DD4



A26A9C



4E4952



580091



0B0012



# Previews

## White Background



This preview shows how the Hex color 80A26A looks on a white background.

## Color Contrast Check

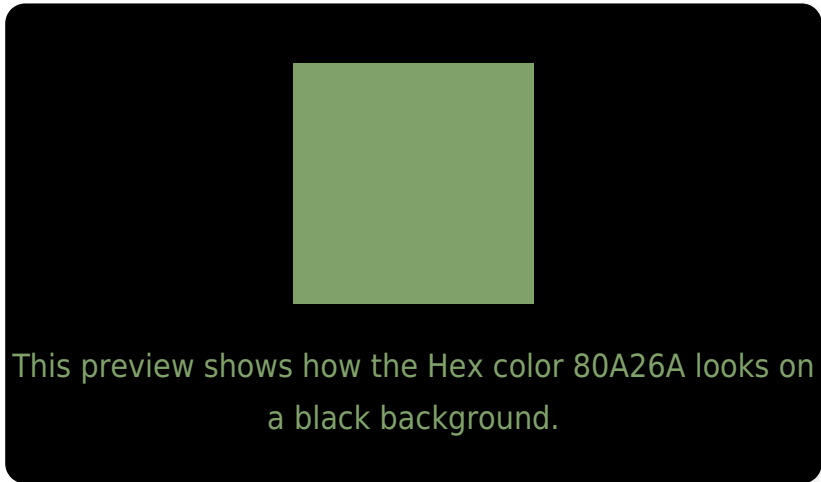
Large Text (above 18pt) WCAG AA × Fail

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 80A26A Background



This preview shows how black text looks on a background with the Hex color 80A26A.

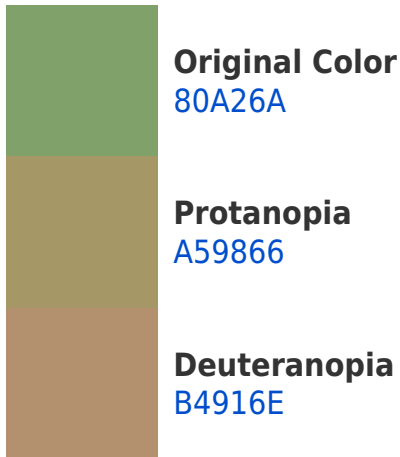


This preview shows how white text looks on a background with the Hex color 80A26A.

# 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](#).

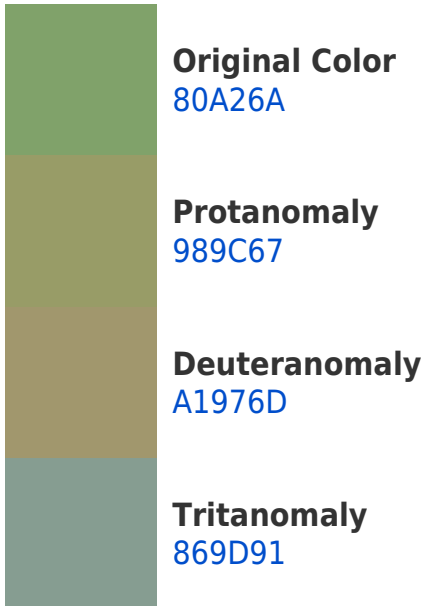
## Dichromacy



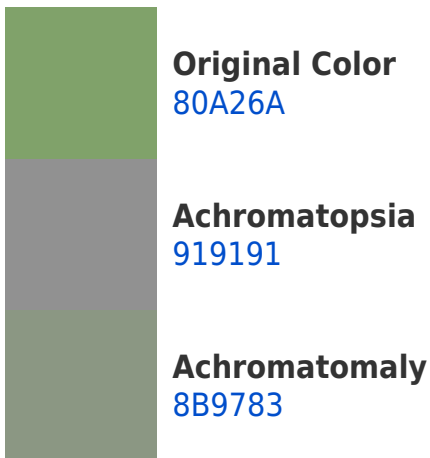


**Tritanopia**  
899AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A26A 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 #80A26A looks like.

```
.text, #text, p{  
    color:#80A26A  
}
```

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 #80A26A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A26A
}
```

## Border

The CSS property to change the border of an element to Hex 80A26A 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
#80A26A }
```

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

```
.border{ border-color:#80A26A }
```

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

Here you see how a box with a 4 pixel #80A26A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A26A; -webkit-box-shadow:4px 4px  
4px 4px #80A26A; box-shadow:4px 4px 4px  
4px #80A26A }
```

# Background

The CSS property to change the background color of an element to Hex 80A26A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A26A }
```

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

```
.background{ background-color:#80A26A }
```

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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