

# Converting Colors

Hex(81A660)

Have a look what the booklet for  
Hex(81A660) contains.

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**Color**

**Hex(81A660)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81A660
RGB	129, 166, 96
RGB Percent	51%, 65%, 38%
CMY	0.4941, 0.3490, 0.6235
CMYK	0.22, 0.00, 0.42, 0.35
HSL	92°, 28%, 51%
HSV	92°, 42%, 65%
XYZ	24.8008, 32.7841, 16.0872
YIQ	146.9570, 0.4180, -29.6140

# Conversions

## Conversions Part 2

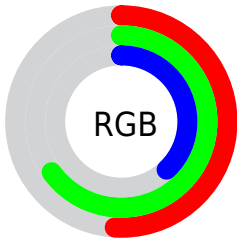
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 166, 133
Decimal	8496736
CIELab	63.99, -25.26, 32.18
CIELCh	64, 40.906, 128.135
Yxy	32.7841, 0.3366, 0.4450
Android (android.graphics.Color)	4286686816 (0xFF81A660)
YUV	146.9570, -25.1218, -15.7483
Hunter-Lab	57.2574, -22.8839, 23.4219

# Details

The Hex color **81A660** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8560A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B7DD94**, and **4E7230** is the 20% darker color. If you saturate the color by 10%, you get **78A64F**, and if you desaturate by 10%, it is **8AA671**.

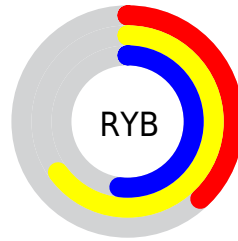
# Distribution



Red (51%)

Green (65%)

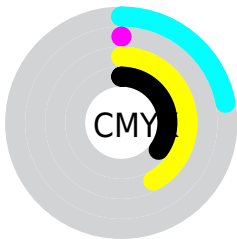
Blue (38%)



Red (38%)

Yellow (65%)

Blue (52%)

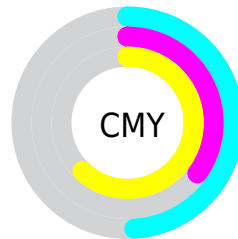


Cyan (22%)

Magenta (0%)

Yellow (42%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81A660 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 81A660 by changing the saturation by 10% instead.





81A660



81A660

FFFFFF



678C47



B7DD94



4E7230



D3FAAF



355918



F0FFCA



1D4100



FFFFE6



042B00



001600



000000



81A660



81A660



78A64F



8AA671

 6FA63F

 93A681

 67A62E

 9BA692

 5EA61E

 A4A6A2

 55A60D

 ADA6B3

 4EA600

 B6A6C4

 BEA6D4

 C7A6E5

 D0A6F5

# Harmonies

## Analogous

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



A89C51



81A660



51AC7F

# Triad

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



81A660



17A6DE



E07D92

# Complementary

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



81A660



8560A6

# 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.



D082B7



81A660



739BE3

# Square

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



81A660



00ACC7



AC8ED5



DC8370

# Rectangle

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



81A660



20AE97



AC8ED5



DD7E9F



# Sweetspot

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



81A660



CAD9BD



A68460



646E5C



EDEDED



6E6E6E



# Same Dimension

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



81A660



9ED96A



60A661



50544C



469400



0A1400



# Inverse Universe

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



8560A6



A56AD9



A660A5



504C54



4E0094



0B0014



# Previews

## White Background



This preview shows how the Hex color 81A660 looks on a white background.

## Color Contrast Check

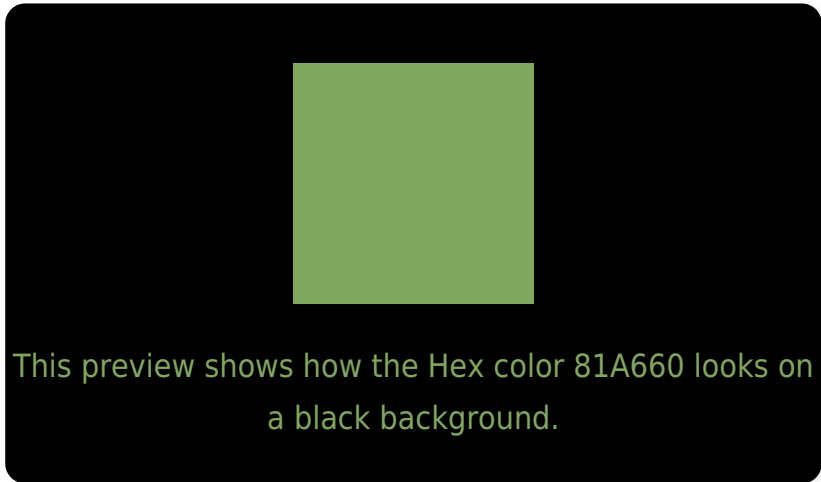
Large Text (above 18pt) WCAG AA × Fail

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

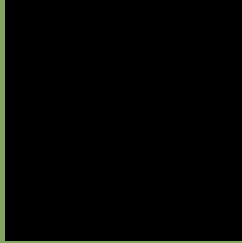
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81A660 Background



This preview shows how black text looks on a background with the Hex color 81A660.

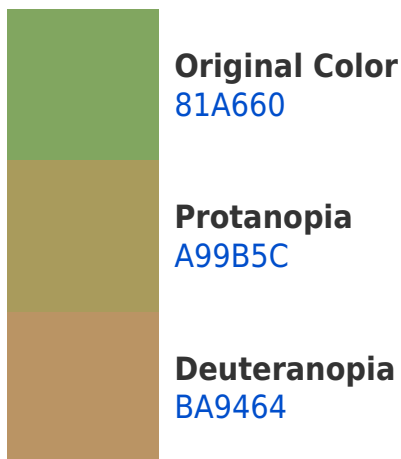


This preview shows how white text looks on a background with the Hex color 81A660.

# 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**  
8C9DAA

# Trichromacy



**Original Color**  
81A660

**Protanomaly**  
9A9F5D

**Deuteranomaly**  
A59B63

**Tritanomaly**  
88A08F

# Monochromacy



**Original Color**  
81A660

**Achromatopsia**  
939393

**Achromatomaly**  
8C9A80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81A660 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 #81A660 looks like.

```
.text, #text, p{  
    color:#81A660  
}
```

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 #81A660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A660  
}
```

## Border

The CSS property to change the border of an element to Hex 81A660 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  
#81A660 }
```

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

```
.border{ border-color:#81A660 }
```

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

Here you see how a box with a 4 pixel #81A660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A660; -webkit-box-shadow:4px 4px  
4px 4px #81A660; box-shadow:4px 4px 4px  
4px #81A660 }
```

# Background

The CSS property to change the background color of an element to Hex 81A660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A660 }
```

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

```
.background{ background-color:#81A660 }
```

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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