

# Converting Colors

Hex(82A176)

Have a look what the booklet for  
Hex(82A176) contains.

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# **Color**

**Hex(82A176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82A176
RGB	130, 161, 118
RGB Percent	51%, 63%, 46%
CMY	0.4902, 0.3686, 0.5373
CMYK	0.19, 0.00, 0.27, 0.37
HSL	103°, 19%, 55%
HSV	103°, 27%, 63%
XYZ	25.2208, 31.5436, 21.8988
YIQ	146.8290, -4.6730, -19.9450

# Conversions

## Conversions Part 2

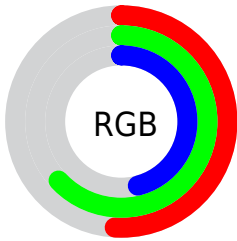
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 161, 149
Decimal	8561014
CIELab	62.96, -19.06, 18.97
CIElCh	63, 26.889, 135.145
Yxy	31.5436, 0.3206, 0.4010
Android (android.graphics.Color)	4286751094 (0xFF82A176)
YUV	146.8290, -14.2127, -14.7590
Hunter-Lab	56.1637, -18.1294, 16.1968

# Details

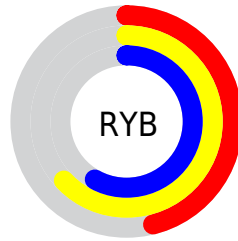
The Hex color **82A176** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9576A1**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B7D8AA**, and **506D45** is the 20% darker color. If you saturate the color by 10%, you get **76A166**, and if you desaturate by 10%, it is **8EA186**.

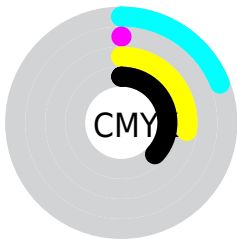
# Distribution



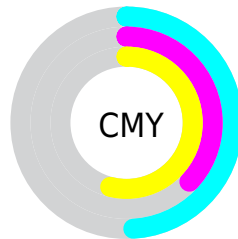
- Red (51%)
- Green (63%)
- Blue (46%)



- Red (46%)
- Yellow (63%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (27%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82A176 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 82A176 by changing the saturation by 10% instead.





82A176



82A176

FFFFFF



68875D



B7D8AA



506D45



D3F4C6



38552F



F0FFE2



213D19

FFFFFFE



0D2700



001200



000000



82A176



82A176



76A166



8EA186

 6BA156

 99A196

 5FA146

 A5A1A6

 54A136

 B0A1B6

 48A126

 BCA1C7

 3CA115

 C8A1D7

 31A105

 D3A1E7

 2DA100

 DFA1F7

 EAA1FF

# Harmonies

## Analogous

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



9D9B6A



82A176



66A58B

# Triad

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



82A176



689EC6



C8878D

# Complementary

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



82A176



9576A1

# 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.



C088A5



82A176



8B96C6

# Square

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



82A176



50A3B9



AB8EBA



C48B78

# Rectangle

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



82A176



57A69C



AB8EBA



C78795



# Sweetspot

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



82A176



C5D1C0



A19576



61695E



E8E8E8



696969



# Same Dimension

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



82A176



A1D18E



76A17F



4C5249



299100



051200



# Inverse Universe

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



9576A1



BE8ED1



A17698



4F4952



690091



0D0012



# Previews

## White Background



This preview shows how the Hex color 82A176 looks on a white background.

## Color Contrast Check

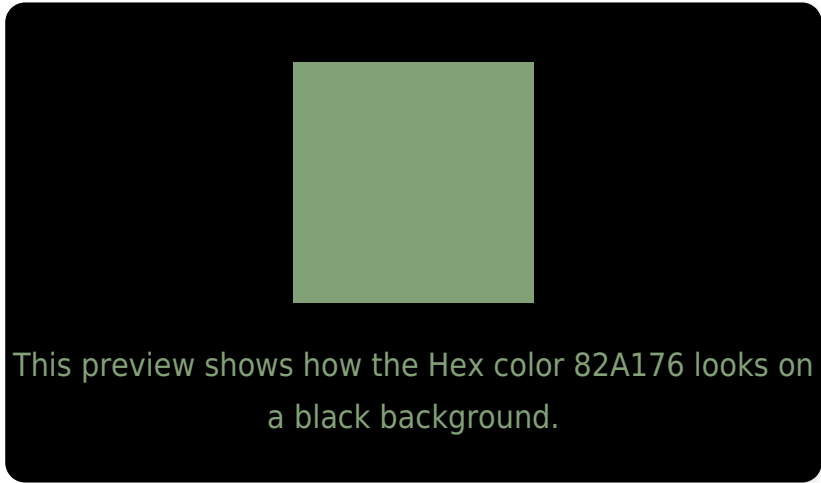
Large Text (above 18pt) WCAG AA × Fail

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

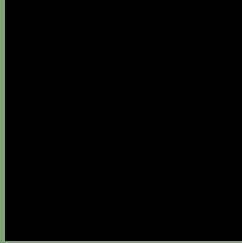
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82A176 Background



This preview shows how black text looks on a background with the Hex color 82A176.

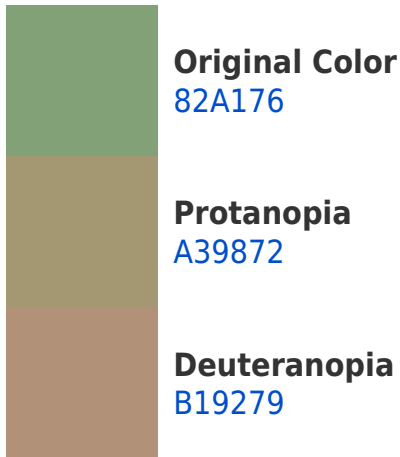


This preview shows how white text looks on a background with the Hex color 82A176.

# 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](#).

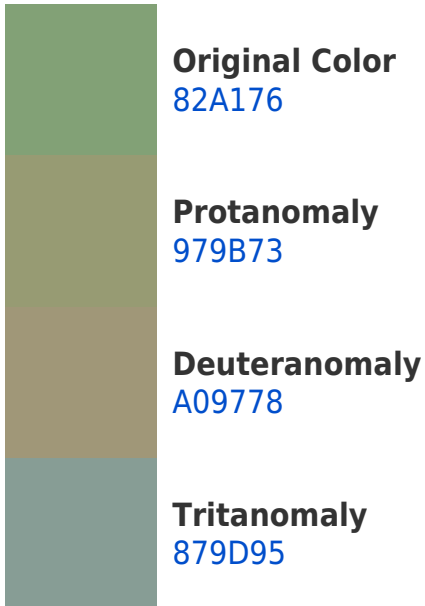
## Dichromacy



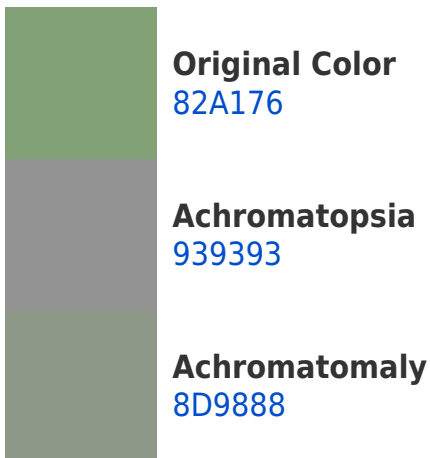


**Tritanopia**  
8A9BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82A176 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 #82A176 looks like.

```
.text, #text, p{  
    color:#82A176  
}
```

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 #82A176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A176
}
```

## Border

The CSS property to change the border of an element to Hex 82A176 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
#82A176 }
```

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

```
.border{ border-color:#82A176 }
```

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

Here you see how a box with a 4 pixel #82A176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A176; -webkit-box-shadow:4px 4px  
4px 4px #82A176; box-shadow:4px 4px 4px  
4px #82A176 }
```

# Background

The CSS property to change the background color of an element to Hex 82A176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A176 }
```

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

```
.background{ background-color:#82A176 }
```

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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