

Converting Colors

Hex(81A276)

Have a look what the booklet for
Hex(81A276) contains.

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Color

Hex(81A276)

Conversions

Conversions Part 1

Format	Color
Hex	81A276
RGB	129, 162, 118
RGB Percent	51%, 64%, 46%
CMY	0.4941, 0.3647, 0.5373
CMYK	0.20, 0.00, 0.27, 0.36
HSL	105°, 19%, 55%
HSV	105°, 27%, 64%
XYZ	25.2436, 31.8158, 21.9501
YIQ	147.1170, -5.5440, -20.6800

Conversions

Conversions Part 2

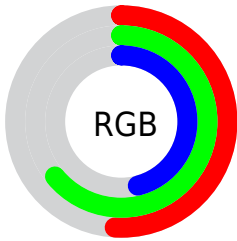
Format	Color
RYB	118, 162, 151
Decimal	8495734
CIELab	63.19, -19.94, 19.26
CIELCh	63, 27.727, 135.989
Yxy	31.8158, 0.3195, 0.4027
Android (android.graphics.Color)	4286685814 (0xFF81A276)
YUV	147.1170, -14.3547, -15.8886
Hunter-Lab	56.4055, -18.8241, 16.4112

Details

The Hex color **81A276** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9776A2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B6D9AA**, and **4F6E45** is the 20% darker color. If you saturate the color by 10%, you get **75A266**, and if you desaturate by 10%, it is **8DA286**.

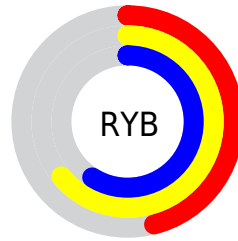
Distribution



Red (51%)

Green (64%)

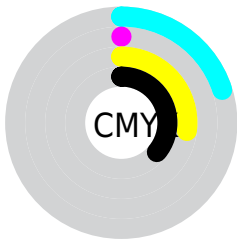
Blue (46%)



Red (46%)

Yellow (64%)

Blue (59%)

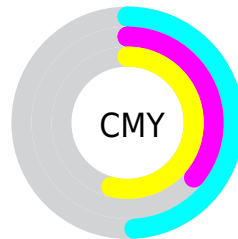


Cyan (20%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A276 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 81A276 by changing the saturation by 10% instead.



81A276



81A276

FFFFFF



67885D



B6D9AA



4F6E45



D2F5C6



37562F



EFFFE2



203E19



0C2800



001300



000000



81A276



81A276



75A266



8DA286

 69A256

 99A296

 5DA245

 A5A2A7

 50A235

 B2A2B7

 44A225

 BEA2C7

 38A215

 CAA2D7

 2CA205

 D6A2E7

 29A200

 E2A2F8

 EEA2FF

Harmonies

Analogous

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



9D9C69



81A276



64A68C

Triad

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



81A276



689FC8



CA878C

Complementary

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



81A276



9776A2

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.



C288A6



81A276



8C97C8

Square

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



81A276



4DA4BC



AD8EBB



C58C77

Rectangle

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



81A276



54A79D



AD8EBB



C98795

Sweetspot

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



81A276



C7D4C3



A29776



636B60



EBEBEB



6B6B6B

Same Dimension

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



81A276



9FD48E



76A281



4B5249



249100



041200

Inverse Universe

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



9776A2



C28ED4



A27697



504952



6D0091



0D0012

Previews

White Background



This preview shows how the Hex color 81A276 looks on a white background.

Color Contrast Check

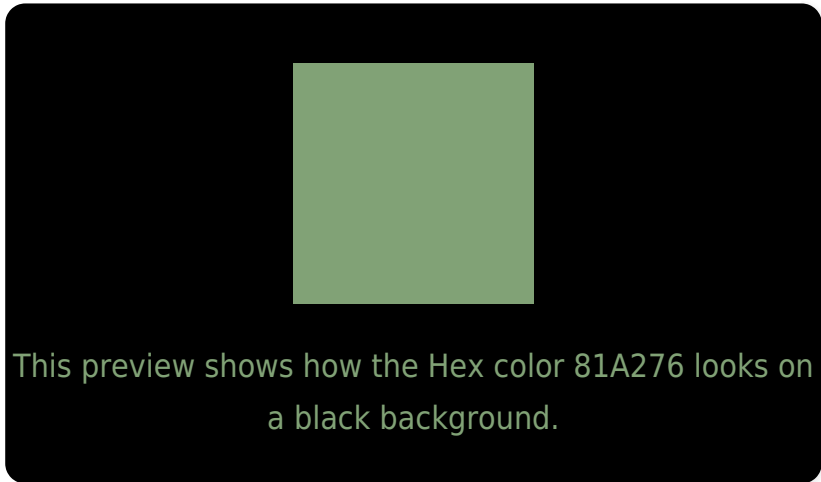
Large Text (above 18pt) WCAG AA × Fail

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

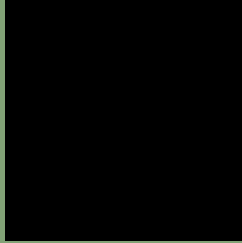
Any Text WCAG AA ✓ Pass

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 81A276 Background



This preview shows how black text looks on a background with the Hex color 81A276.



This preview shows how white text looks on a background with the Hex color 81A276.

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



Original Color
81A276

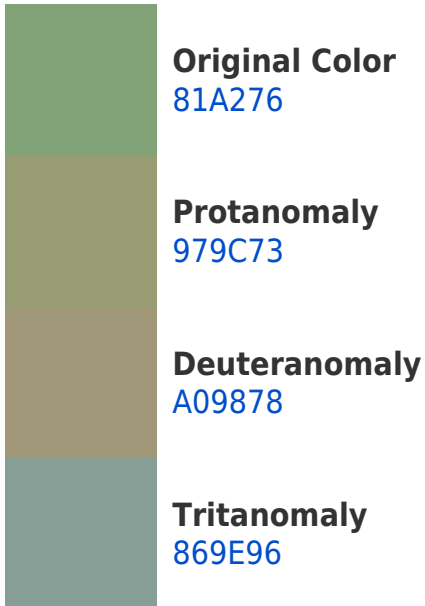
Protanopia
A49872

Deuteranopia
B29279

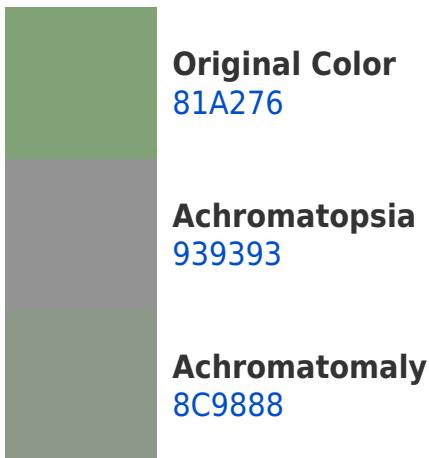


Tritanopia
899CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A276 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 #81A276 looks like.

```
.text, #text, p{  
    color:#81A276  
}
```

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 #81A276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A276
}
```

Border

The CSS property to change the border of an element to Hex 81A276 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
#81A276 }
```

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

```
.border{ border-color:#81A276 }
```

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

Here you see how a box with a 4 pixel #81A276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A276; -webkit-box-shadow:4px 4px  
4px 4px #81A276; box-shadow:4px 4px 4px  
4px #81A276 }
```

Background

The CSS property to change the background color of an element to Hex 81A276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A276 }
```

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

```
.background{ background-color:#81A276 }
```

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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