

Converting Colors

Hex(81A286)

Have a look what the booklet for
Hex(81A286) contains.

Hex(81A286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81A286)

Conversions

Conversions Part 1

Format	Color
Hex	81A286
RGB	129, 162, 134
RGB Percent	51%, 64%, 53%
CMY	0.4941, 0.3647, 0.4745
CMYK	0.20, 0.00, 0.17, 0.36
HSL	129°, 15%, 57%
HSV	129°, 20%, 64%
XYZ	26.2767, 32.2290, 27.3902
YIQ	148.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

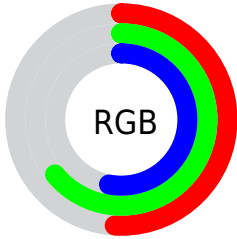
Format	Color
RYB	129, 158, 162
Decimal	8495750
CIELab	63.53, -17.09, 10.87
CIELCh	64, 20.252, 147.535
Yxy	32.2290, 0.3059, 0.3752
Android (android.graphics.Color)	4286685830 (0xFF81A286)
YUV	148.9410, -7.3659, -17.4883
Hunter-Lab	56.7706, -16.7286, 11.1337

Details

The Hex color **81A286** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A2819D**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B6D9BB**, and **4F6E54** is the 20% darker color. If you saturate the color by 10%, you get **71A278**, and if you desaturate by 10%, it is **91A294**.

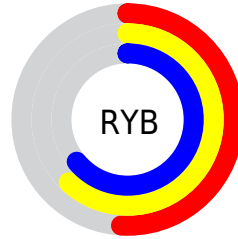
Distribution



Red (51%)

Green (64%)

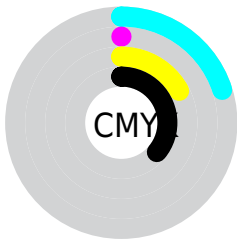
Blue (53%)



Red (51%)

Yellow (62%)

Blue (64%)

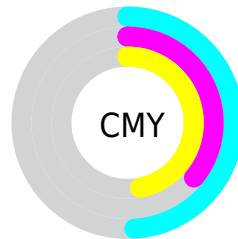


Cyan (20%)

Magenta (0%)

Yellow (17%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A286 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 81A286 by changing the saturation by 10% instead.



81A286



81A286

FFFFFF



68886D



B6D9BB



4F6E54



D2F5D7



38563D



EEFFF3



213E27



0B2813



001500



000000



81A286



81A286



71A278



91A294

 61A26B

 A1A2A1

 50A25D

 B2A2AF

 40A24F

 C2A2BD

 30A241

 D2A2CB

 20A234

 E2A2D8

 10A226

 F2A2E6

 00A219

 FFA2F4

 FFA2FF

Harmonies

Analogous

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



969E7A



81A286



6FA498

Triad

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



81A286



839CBD



BF8E8A

Complementary

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



81A286



A2819D

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.



BC8D9C



81A286



9B96BA

Square

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



81A286



6EA1B8



B090AD



B8927C

Rectangle

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



81A286



68A4A4



B090AD



BF8D90

Sweetspot

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



81A286



C7D4C9



9DA281



646B65



EBEBEB



6B6B6B

Same Dimension

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



81A286



A1D4A9



81A296



49524B



009116



001203

Inverse Universe

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



A2819D



D4A1CC



A2818D



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 81A286 looks on a white background.

Color Contrast Check

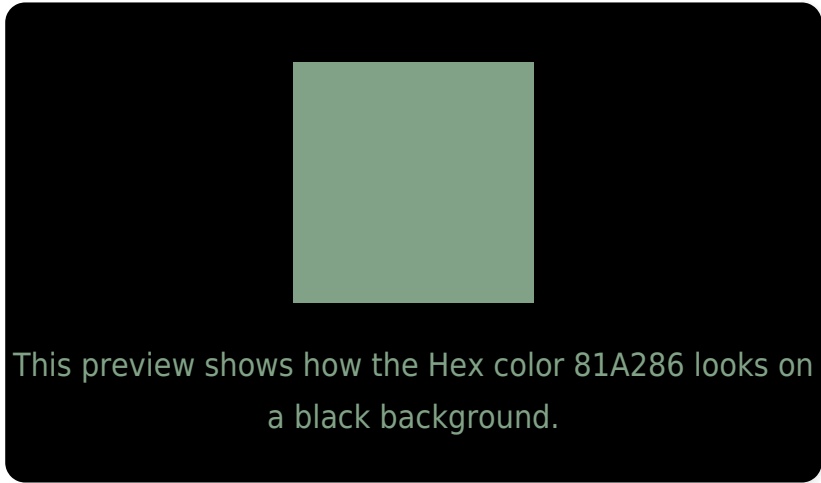
Large Text (above 18pt) WCAG AA × Fail

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

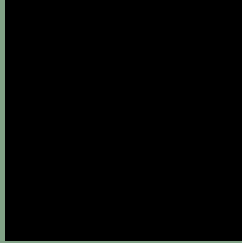
Any Text WCAG AA ✓ Pass

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 81A286 Background



This preview shows how black text looks on a background with the Hex color 81A286.

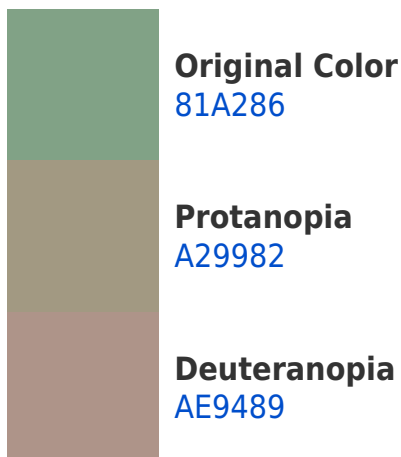


This preview shows how white text looks on a background with the Hex color 81A286.

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



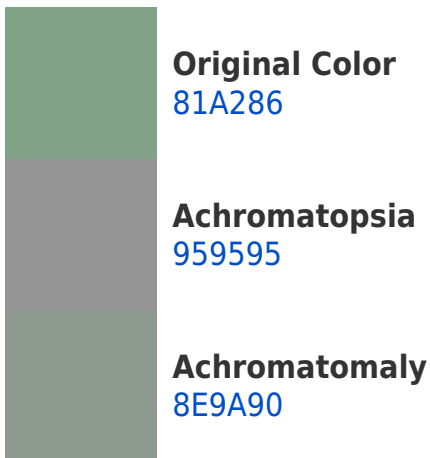


Tritanopia
879DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A286 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 #81A286 looks like.

```
.text, #text, p{  
    color:#81A286  
}
```

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 #81A286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A286
}
```

Border

The CSS property to change the border of an element to Hex 81A286 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
#81A286 }
```

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

```
.border{ border-color:#81A286 }
```

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

Here you see how a box with a 4 pixel #81A286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A286; -webkit-box-shadow:4px 4px  
4px 4px #81A286; box-shadow:4px 4px 4px  
4px #81A286 }
```

Background

The CSS property to change the background color of an element to Hex 81A286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A286 }
```

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

```
.background{ background-color:#81A286 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor