

Converting Colors

Hex(81AF96)

Have a look what the booklet for
Hex(81AF96) contains.

Hex(81AF96)	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(81AF96)

Conversions

Conversions Part 1

Format	Color
Hex	81AF96
RGB	129, 175, 150
RGB Percent	51%, 69%, 59%
CMY	0.4941, 0.3137, 0.4118
CMYK	0.26, 0.00, 0.14, 0.31
HSL	147°, 22%, 60%
HSV	147°, 26%, 69%
XYZ	29.8883, 37.5291, 34.5227
YIQ	158.3960, -19.3910, -17.5270

Conversions

Conversions Part 2

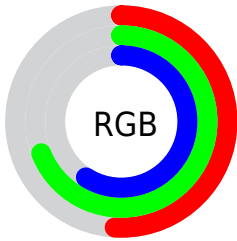
Format	Color
RYB	129, 161, 175
Decimal	8499094
CIELab	67.67, -20.65, 7.88
CIELCh	68, 22.100, 159.100
Yxy	37.5291, 0.2932, 0.3681
Android (android.graphics.Color)	4286689174 (0xFF81AF96)
YUV	158.3960, -4.1392, -25.7803
Hunter-Lab	61.2610, -20.1194, 9.4707

Details

The Hex color **81AF96** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AF819A**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7E7CC**, and **4E7A63** is the 20% darker color. If you saturate the color by 10%, you get **6FAF8C**, and if you desaturate by 10%, it is **93AFA0**.

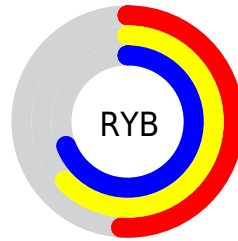
Distribution



Red (51%)

Green (69%)

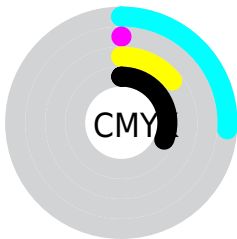
Blue (59%)



Red (51%)

Yellow (63%)

Blue (69%)

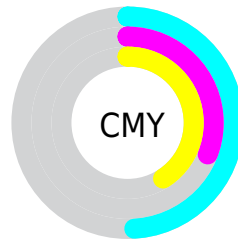


Cyan (26%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (49%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81AF96 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 81AF96 by changing the saturation by 10% instead.



81AF96



81AF96

FFFFFF



67947C



B7E7CC



4E7A63



D3FFE8



36614B



EFFFFFF



1E4935



05321F



001E08



000000



81AF96



81AF96



6FAF8C



93AFA0

■ 5EAF83

■ A4AFA9

■ 4CAF79

■ B6AFB3

■ 3BAF70

■ C7AFBC

■ 29AF66

■ D9AFC6

■ 18AF5D

■ EAAFCF

■ 06AF53

■ FBAFD9

■ 00AF50

■ FFAFE2

■ FFAFEC

Harmonies

Analogous

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



97AB86



81AF96



70B0AA

Triad

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



81AF96



95A5CC



CC998D

Complementary

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



81AF96



AF819A

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.



CD979F



81AF96



B09EC4

Square

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



81AF96



7CABC9



C498B4



C09F80

Rectangle

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



81AF96



6CB0B7



C498B4



CD9892

Sweetspot

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



81AF96



D1E3D9



9AAF81



67736D



F2F2F2



737373

Same Dimension

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



81AF96



9AE3BB



81AFAD



4E5752



009645



00170A

Inverse Universe

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



AF819A



E39AC2



AF8183



574E53



960052



17000C

Previews

White Background



This preview shows how the Hex color 81AF96 looks on a white background.

Color Contrast Check

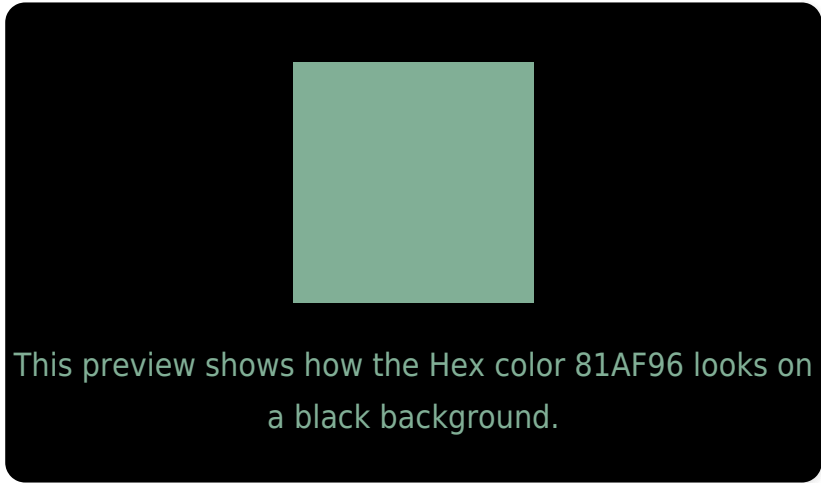
Large Text (above 18pt) WCAG AA × Fail

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

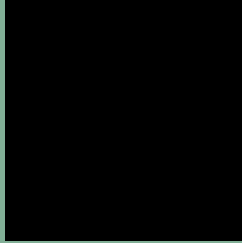
Any Text WCAG AA ✓ Pass

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 81AF96 Background



This preview shows how black text looks on a background with the Hex color 81AF96.



This preview shows how white text looks on a background with the Hex color 81AF96.

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](#).

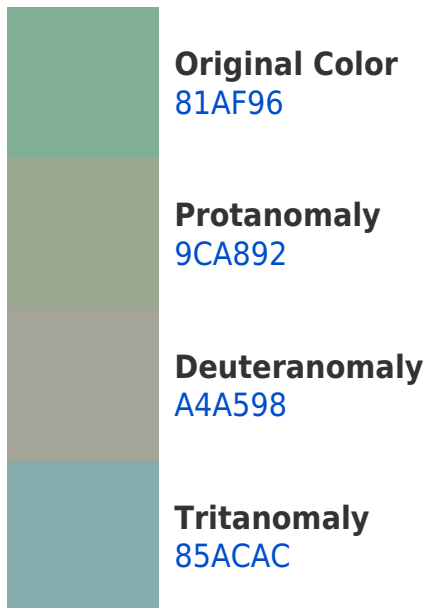
Dichromacy





Tritanopia
88AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81AF96 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 #81AF96 looks like.

```
.text, #text, p{  
    color:#81AF96  
}
```

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 #81AF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AF96
}
```

Border

The CSS property to change the border of an element to Hex 81AF96 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
#81AF96 }
```

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

```
.border{ border-color:#81AF96 }
```

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

Here you see how a box with a 4 pixel #81AF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AF96; -webkit-box-shadow:4px 4px  
4px 4px #81AF96; box-shadow:4px 4px 4px  
4px #81AF96 }
```

Background

The CSS property to change the background color of an element to Hex 81AF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AF96 }
```

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

```
.background{ background-color:#81AF96 }
```

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