

Converting Colors

Hex(81A968)

Have a look what the booklet for
Hex(81A968) contains.

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Color

Hex(81A968)

Conversions

Conversions Part 1

Format	Color
Hex	81A968
RGB	129, 169, 104
RGB Percent	51%, 66%, 41%
CMY	0.4941, 0.3373, 0.5922
CMYK	0.24, 0.00, 0.38, 0.34
HSL	97°, 27%, 54%
HSV	97°, 38%, 66%
XYZ	25.7399, 34.0425, 18.3109
YIQ	149.6300, -2.9750, -28.6950

Conversions

Conversions Part 2

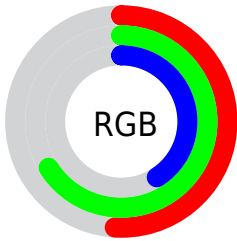
Format	Color
RYB	104, 169, 144
Decimal	8497512
CIELab	65.00, -25.63, 29.25
CIELCh	65, 38.896, 131.225
Yxy	34.0425, 0.3296, 0.4359
Android (android.graphics.Color)	4286687592 (0xFF81A968)
YUV	149.6300, -22.4956, -18.0925
Hunter-Lab	58.3460, -23.3584, 22.2350

Details

The Hex color **81A968** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9068A9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B7E09C**, and **4E7538** is the 20% darker color. If you saturate the color by 10%, you get **77A957**, and if you desaturate by 10%, it is **8BA979**.

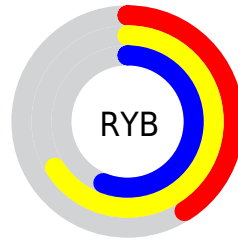
Distribution



Red (51%)

Green (66%)

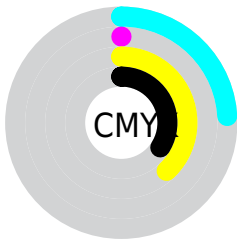
Blue (41%)



Red (41%)

Yellow (66%)

Blue (56%)

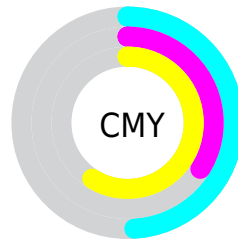


Cyan (24%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (49%)

Magenta (34%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A968 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 81A968 by changing the saturation by 10% instead.



81A968



81A968

FFFFFF



678E4F



B7E09C



4E7538



D3FDB7



355C20



F0FFD3



1D4409



FFFFEF



062D00



001A00



000000



81A968



81A968



77A957



8BA979

6CA946

96A98A

62A935

A0A99B

57A924

ABA9AC

4DA914

B5A9BC

43A903

BFA9CD

41A900

CAA9DE

D4A9EF

DFA9FF

Harmonies

Analogous

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



A7A058



81A968



54AE86

Triad

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



81A968



3BA7DF



E18292

Complementary

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



81A968



9068A9

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.



D385B5



81A968



7F9DE2

Square

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



81A968



00AECB



B290D2



DB8872

Rectangle

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



81A968



2BB09E



B290D2



DF829E

Sweetspot

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



81A968



CBDBC1



A98F68



646E5E



EDEDED



6E6E6E

Same Dimension

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



81A968



9DDB76



68A96E



4F544C



399400



081400

Inverse Universe

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



9068A9



B576DB



A968A3



514C54



5B0094



0D0014

Previews

White Background



This preview shows how the Hex color 81A968 looks on a white background.

Color Contrast Check

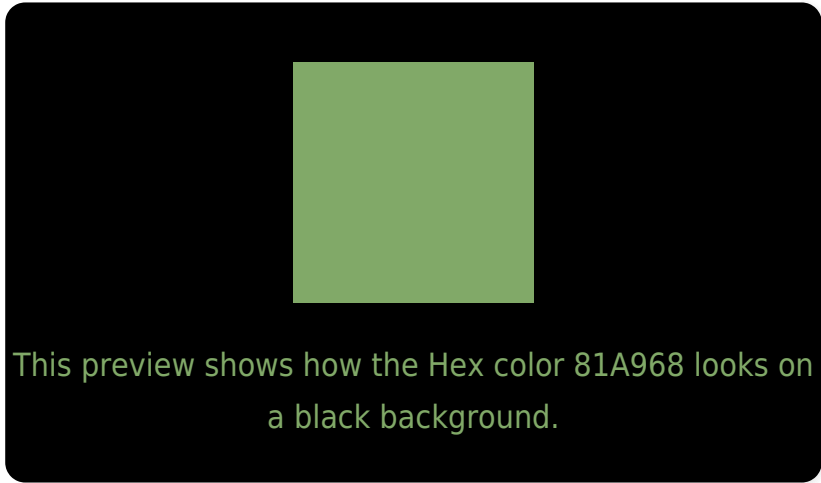
Large Text (above 18pt) WCAG AA × Fail

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

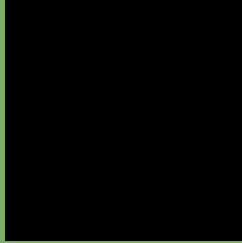
Any Text WCAG AA ✓ Pass

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 81A968 Background



This preview shows how black text looks on a background with the Hex color 81A968.

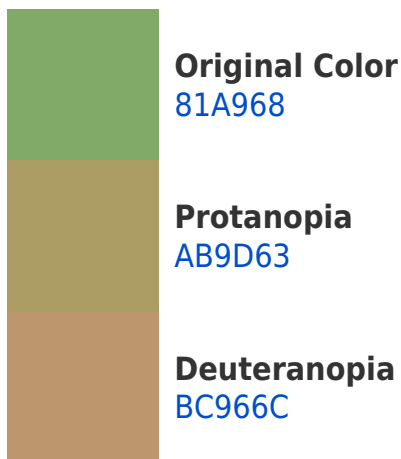


This preview shows how white text looks on a background with the Hex color 81A968.

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](#).

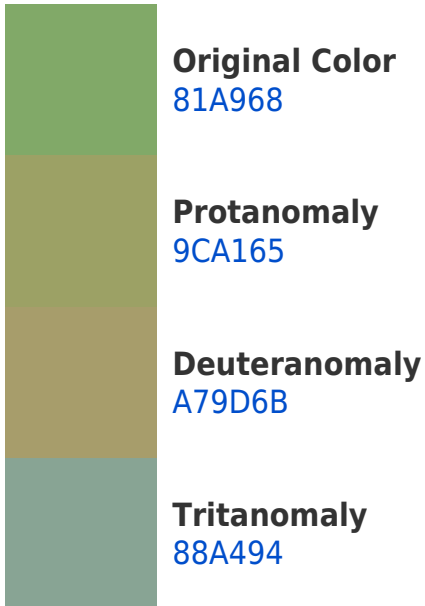
Dichromacy



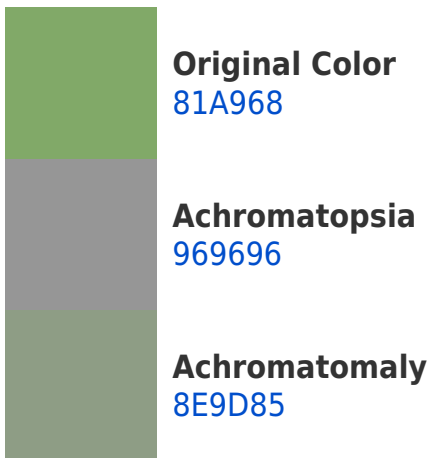


Tritanopia
8CA1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A968 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 #81A968 looks like.

```
.text, #text, p{  
    color:#81A968  
}
```

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 #81A968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A968  
}
```

Border

The CSS property to change the border of an element to Hex 81A968 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  
#81A968 }
```

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

```
.border{ border-color:#81A968 }
```

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

Here you see how a box with a 4 pixel #81A968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A968; -webkit-box-shadow:4px 4px  
4px 4px #81A968; box-shadow:4px 4px 4px  
4px #81A968 }
```

Background

The CSS property to change the background color of an element to Hex 81A968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A968 }
```

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

```
.background{ background-color:#81A968 }
```

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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