

Converting Colors

Hex(81A173)

Have a look what the booklet for
Hex(81A173) contains.

Hex(81A173)	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(81A173)

Conversions

Conversions Part 1

Format	Color
Hex	81A173
RGB	129, 161, 115
RGB Percent	51%, 63%, 45%
CMY	0.4941, 0.3686, 0.5490
CMYK	0.20, 0.00, 0.29, 0.37
HSL	102°, 20%, 54%
HSV	102°, 29%, 63%
XYZ	24.8926, 31.3947, 20.9675
YIQ	146.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

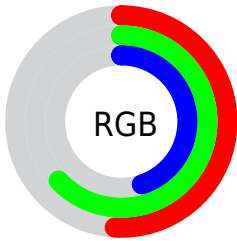
Format	Color
RYB	115, 161, 147
Decimal	8495475
CIELab	62.84, -19.93, 20.44
CIELCh	63, 28.542, 134.274
Yxy	31.3947, 0.3222, 0.4064
Android (android.graphics.Color)	4286685555 (0xFF81A173)
YUV	146.1880, -15.3757, -15.0739
Hunter-Lab	56.0309, -18.7527, 17.0346

Details

The Hex color **81A173** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9373A1**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B6D8A7**, and **4F6D42** is the 20% darker color. If you saturate the color by 10%, you get **76A163**, and if you desaturate by 10%, it is **8CA183**.

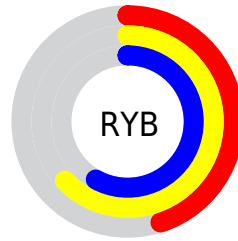
Distribution



Red (51%)

Green (63%)

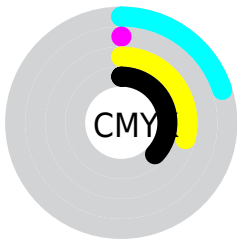
Blue (45%)



Red (45%)

Yellow (63%)

Blue (58%)

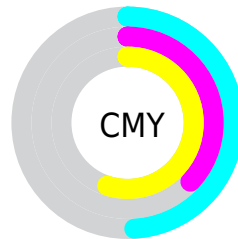


Cyan (20%)

Magenta (0%)

Yellow (29%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A173 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 81A173 by changing the saturation by 10% instead.



81A173



81A173

FFFFFF



67875A



B6D8A7



4F6D42



D2F4C2



37552C



EFFFDE



203D16



FFFFFFB



0C2700



001200



000000



81A173



81A173



76A163



8CA183

 6BA153

 97A193

 5FA143

 A3A1A3

 54A133

 AEA1B3

 49A123

 B9A1C4

 3EA112

 C4A1D4

 33A102

 CFA1E4

 31A100

 DBA1F4

 E6A1FF

Harmonies

Analogous

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



9D9A66



81A173



63A589

Triad

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



81A173



639EC8



CB858D

Complementary

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



81A173



9373A1

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.



C287A6



81A173



8996C9

Square

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



81A173



47A4BB



AB8DBC



C68A76

Rectangle

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



81A173



51A69B



AB8DBC



C98595

Sweetspot

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



81A173



C4D1BE



A19273



61695D



E8E8E8



696969

Same Dimension

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



81A173



A0D18A



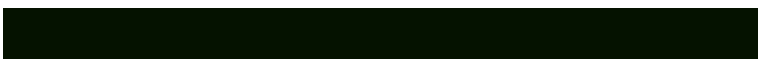
73A17B



4C5249



2C9100



051200

Inverse Universe

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



9373A1



BB8AD1



A17399



4F4952



650091



0C0012

Previews

White Background



This preview shows how the Hex color 81A173 looks on a white background.

Color Contrast Check

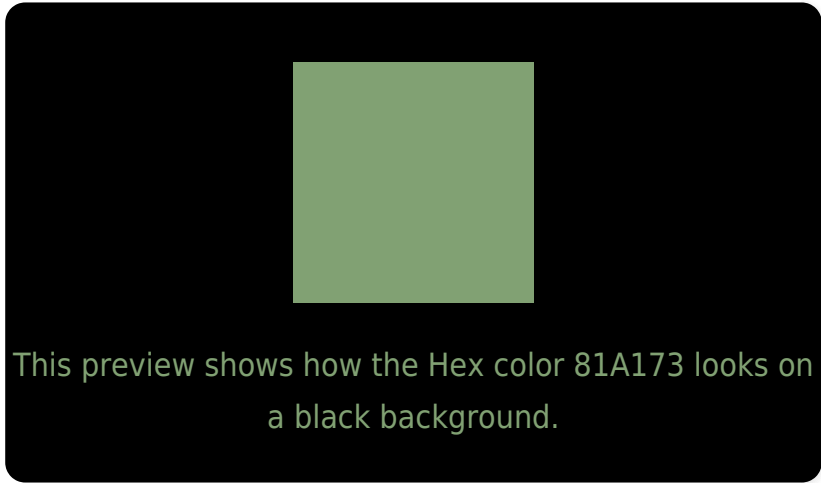
Large Text (above 18pt) WCAG AA × Fail

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

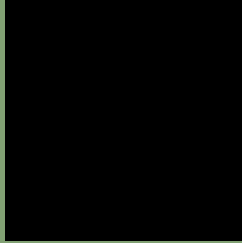
Any Text WCAG AA ✓ Pass

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 81A173 Background



This preview shows how black text looks on a background with the Hex color 81A173.

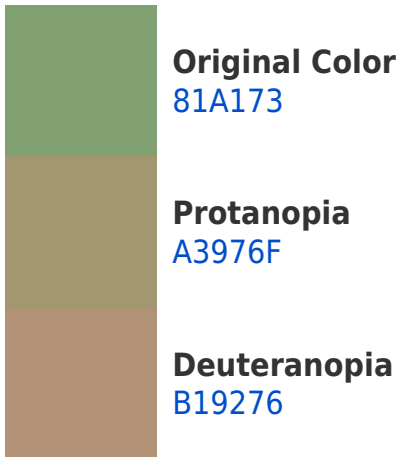


This preview shows how white text looks on a background with the Hex color 81A173.

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



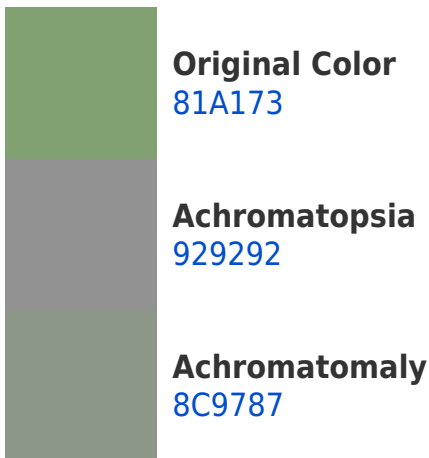


Tritanopia
899AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A173 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 #81A173 looks like.

```
.text, #text, p{  
    color:#81A173  
}
```

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 #81A173 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A173
}
```

Border

The CSS property to change the border of an element to Hex 81A173 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
#81A173 }
```

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

```
.border{ border-color:#81A173 }
```

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

Here you see how a box with a 4 pixel #81A173 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A173; -webkit-box-shadow:4px 4px  
4px 4px #81A173; box-shadow:4px 4px 4px  
4px #81A173 }
```

Background

The CSS property to change the background color of an element to Hex 81A173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A173 }
```

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

```
.background{ background-color:#81A173 }
```

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