

# Converting Colors

Hex(81A152)

Have a look what the booklet for  
Hex(81A152) contains.

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# **Color**

**Hex(81A152)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 81A152                     |
| RGB         | 129, 161, 82               |
| RGB Percent | 51%, 63%, 32%              |
| CMY         | 0.4941, 0.3686, 0.6784     |
| CMYK        | 0.20, 0.00, 0.49, 0.37     |
| HSL         | 84°, 33%, 48%              |
| HSV         | 84°, 49%, 63%              |
| XYZ         | 23.3211, 30.7661, 12.6919  |
| YIQ         | 142.4260, 6.2870, -31.3530 |

# Conversions

## Conversions Part 2

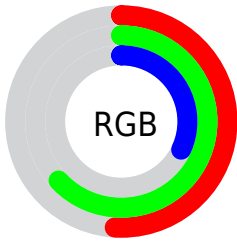
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 82, 161, 114                    |
| Decimal                             | 8495442                         |
| CIELab                              | 62.31, -24.52, 37.32            |
| CIELCh                              | 62, 44.653, 123.307             |
| Yxy                                 | 30.7661, 0.3492,<br>0.4607      |
| Android<br>(android.graphics.Color) | 4286685522<br>(0xFF81A152)      |
| YUV                                 | 142.4260, -29.7900,<br>-11.7746 |
| Hunter-Lab                          | 55.4672, -22.0174,<br>25.2603   |

# Details

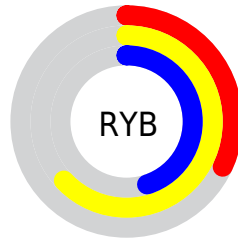
The Hex color **81A152** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7252A1**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **B7D885**, and **4D6D21** is the 20% darker color. If you saturate the color by 10%, you get **7AA142**, and if you desaturate by 10%, it is **88A162**.

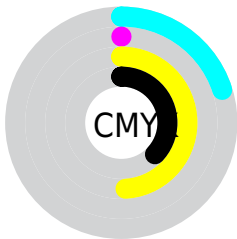
# Distribution



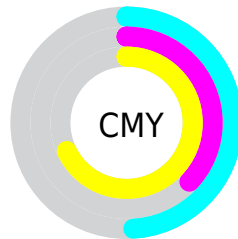
- Red (51%)
- Green (63%)
- Blue (32%)



- Red (32%)
- Yellow (63%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (49%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81A152 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 81A152 by changing the saturation by 10% instead.





81A152



81A152

FFFFFF



678739



B7D885



4D6D21



D3F4A0



355506



F0FFBB



1E3D00



FFFFD7



012700



FFFFF4



000F00



000000



81A152



81A152



7AA142



88A162

 74A132

 8EA172

 6DA122

 95A182

 67A112

 9BA192

 60A102

 A2A1A3

 60A100

 A8A1B3

 AFA1C3

 B5A1D3

 BCA1E3

# Harmonies

## Analogous

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



AA9645



81A152



4DA872

# Triad

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



81A152



00A4DD



E07594

# Complementary

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



81A152



7252A1

# 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.



CB7CBB



81A152



5B99E5

# Square

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



81A152



00AAC1



A08BD9



DE7B6D

# Rectangle

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



81A152



00AA8C



A08BD9



DC76A1



# Sweetspot

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



81A152



C4D1B2



A17252



616956



E8E8E8



696969



# Same Dimension

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



81A152



9FD156



5AA152



4E5249



569100



0B1200



# Inverse Universe

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



7252A1



8856D1



9952A1



4D4952



3B0091



070012



# Previews

## White Background



This preview shows how the Hex color 81A152 looks on a white background.

## Color Contrast Check

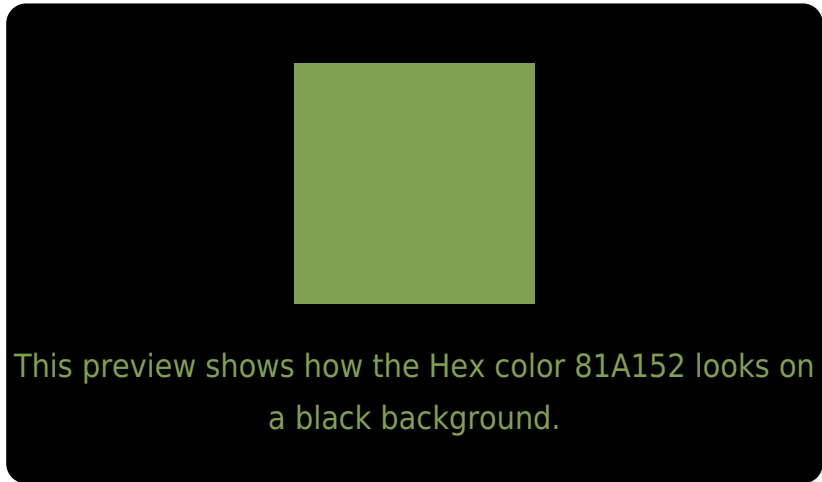
Large Text (above 18pt) WCAG AA × Fail

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

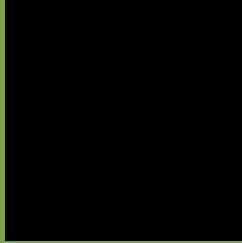
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 81A152 Background



This preview shows how black text looks on a background with the Hex color 81A152.

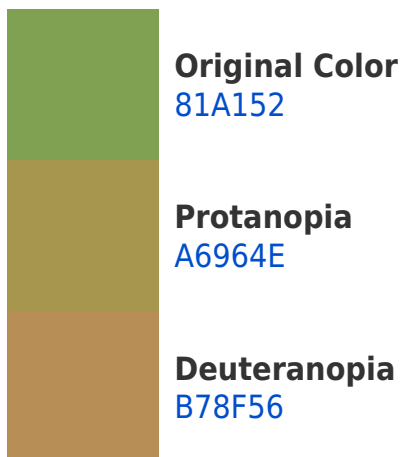


This preview shows how white text looks on a background with the Hex color 81A152.

# 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**  
8C98A4

# Trichromacy



**Original Color**  
81A152

**Protanomaly**  
999A4F

**Deuteranomaly**  
A39655

**Tritanomaly**  
889B86

# Monochromacy



**Original Color**  
81A152

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
899578

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81A152 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 #81A152 looks like.

```
.text, #text, p{  
    color:#81A152  
}
```

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 #81A152 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A152
}
```

## Border

The CSS property to change the border of an element to Hex 81A152 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
#81A152 }
```

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

```
.border{ border-color:#81A152 }
```

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

Here you see how a box with a 4 pixel #81A152 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A152; -webkit-box-shadow:4px 4px  
4px 4px #81A152; box-shadow:4px 4px 4px  
4px #81A152 }
```

# Background

The CSS property to change the background color of an element to Hex 81A152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A152 }
```

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

```
.background{ background-color:#81A152 }
```

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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