

Converting Colors

Hex(81A15F)

Have a look what the booklet for
Hex(81A15F) contains.

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Color

Hex(81A15F)

Conversions

Conversions Part 1

Format	Color
Hex	81A15F
RGB	129, 161, 95
RGB Percent	51%, 63%, 37%
CMY	0.4941, 0.3686, 0.6275
CMYK	0.20, 0.00, 0.41, 0.37
HSL	89°, 26%, 50%
HSV	89°, 41%, 63%
XYZ	23.8637, 30.9831, 15.5491
YIQ	143.9080, 2.1140, -27.3100

Conversions

Conversions Part 2

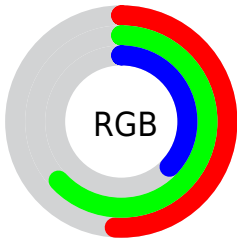
Format	Color
RYB	95, 161, 127
Decimal	8495455
CIELab	62.49, -22.90, 30.79
CIELCh	62, 38.378, 126.640
Yxy	30.9831, 0.3390, 0.4401
Android (android.graphics.Color)	4286685535 (0xFF81A15F)
YUV	143.9080, -24.1116, -13.0743
Hunter-Lab	55.6625, -20.8825, 22.4013

Details

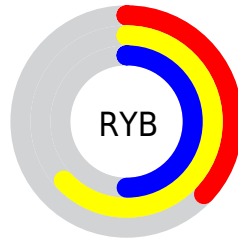
The Hex color **81A15F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F5FA1**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B7D892**, and **4E6D2F** is the 20% darker color. If you saturate the color by 10%, you get **79A14F**, and if you desaturate by 10%, it is **89A16F**.

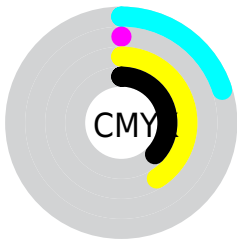
Distribution



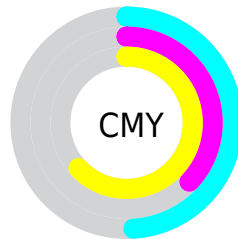
- Red (51%)
- Green (63%)
- Blue (37%)



- Red (37%)
- Yellow (63%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)



- Cyan (49%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A15F 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 81A15F by changing the saturation by 10% instead.

 81A15F

 81A15F

FFFFFF

 678747


 B7D892

 4E6D2F

 D3F4AD

 365518

 F0FFC9

 1E3D00

 FFFFE5

 062700

 001000

 000000

 81A15F

 81A15F

 79A14F

 89A16F

71A13F

91A17F

6AA12F

98A18F

62A11F

A0A19F

5AA10F

A8A1B0

53A100

B0A1C0

B8A1D0

BFA1E0

C7A1F0

Harmonies

Analogous

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



A59852



81A15F



56A77B

Triad

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



81A15F



25A2D5



D87C91

Complementary

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



81A15F



7F5FA1

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.



C880B3



81A15F



7098DA

Square

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



81A15F



00A8BF



A58BCE



D58170

Rectangle

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



81A15F



30A992



A58BCE



D57C9C

Sweetspot

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



81A15F



C5D1B8



A17F5F



61695A



E8E8E8



696969

Same Dimension

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



81A15F



9FD16B



60A15F



4E5249



4B9100



091200

Inverse Universe

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



7F5FA1



9C6BD1



A05FA1



4D4952



460091



090012

Previews

White Background



This preview shows how the Hex color 81A15F looks on a white background.

Color Contrast Check

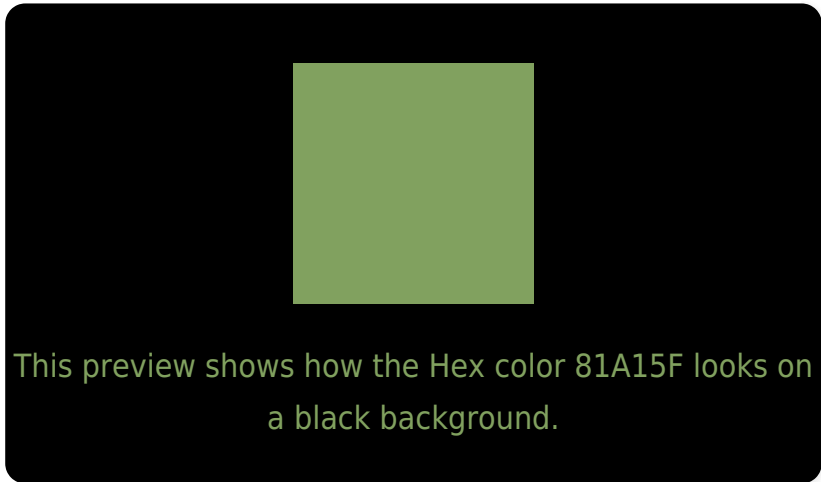
Large Text (above 18pt) WCAG AA × Fail

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

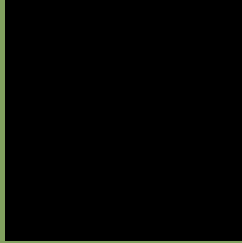
Any Text WCAG AA ✓ Pass

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 81A15F Background



This preview shows how black text looks on a background with the Hex color 81A15F.



This preview shows how white text looks on a background with the Hex color 81A15F.

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



Original Color
81A15F

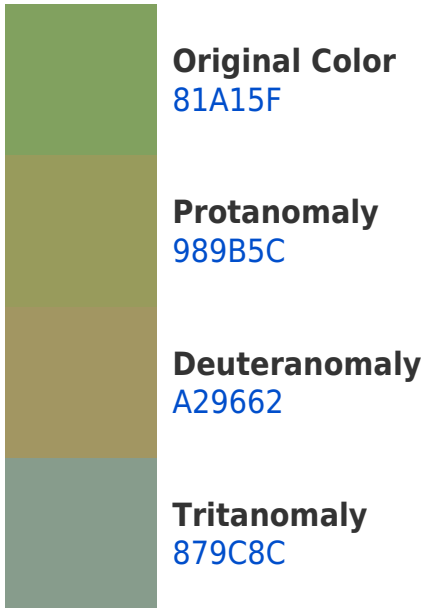
Protanopia
A5975B

Deuteranopia
B59063

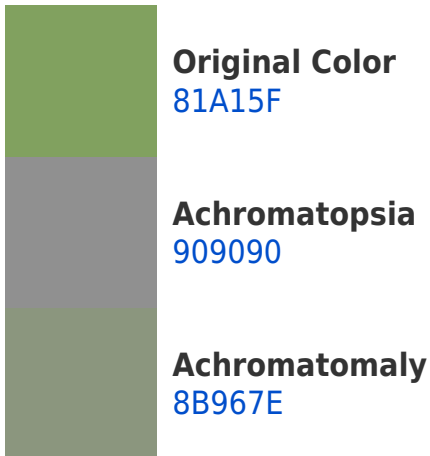


Tritanopia
8B99A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A15F 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 #81A15F looks like.

```
.text, #text, p{  
    color:#81A15F  
}
```

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 #81A15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A15F
}
```

Border

The CSS property to change the border of an element to Hex 81A15F 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
#81A15F }
```

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

```
.border{ border-color:#81A15F }
```

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

Here you see how a box with a 4 pixel #81A15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A15F; -webkit-box-shadow:4px 4px  
4px 4px #81A15F; box-shadow:4px 4px 4px  
4px #81A15F }
```

Background

The CSS property to change the background color of an element to Hex 81A15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A15F }
```

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

```
.background{ background-color:#81A15F }
```

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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