

Converting Colors

Hex(81A65F)

Have a look what the booklet for
Hex(81A65F) contains.

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Color

Hex(81A65F)

Conversions

Conversions Part 1

Format	Color
Hex	81A65F
RGB	129, 166, 95
RGB Percent	51%, 65%, 37%
CMY	0.4941, 0.3490, 0.6275
CMYK	0.22, 0.00, 0.43, 0.35
HSL	91°, 29%, 51%
HSV	91°, 43%, 65%
XYZ	24.7550, 32.7658, 15.8462
YIQ	146.8430, 0.7390, -29.9250

Conversions

Conversions Part 2

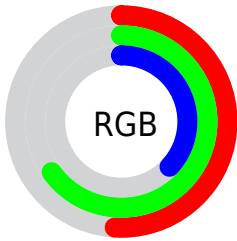
Format	Color
RYB	95, 166, 132
Decimal	8496735
CIELab	63.97, -25.39, 32.68
CIELCh	64, 41.386, 127.847
Yxy	32.7658, 0.3374, 0.4466
Android (android.graphics.Color)	4286686815 (0xFF81A65F)
YUV	146.8430, -25.5586, -15.6483
Hunter-Lab	57.2414, -22.9770, 23.6557

Details

The Hex color **81A65F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **845FA6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B7DD93**, and **4E722F** is the 20% darker color. If you saturate the color by 10%, you get **78A64E**, and if you desaturate by 10%, it is **8AA670**.

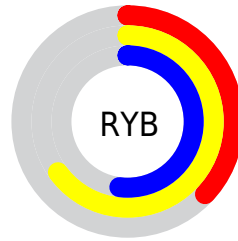
Distribution



Red (51%)

Green (65%)

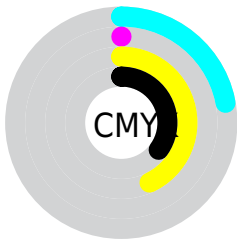
Blue (37%)



Red (37%)

Yellow (65%)

Blue (52%)

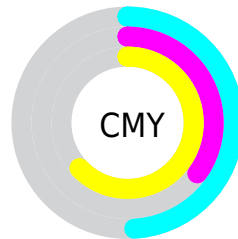


Cyan (22%)

Magenta (0%)

Yellow (43%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A65F 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 81A65F by changing the saturation by 10% instead.



81A65F



81A65F

FFFFFF



678C46



B7DD93



4E722F



D3FAAD



355917



F0FFC9



1D4100



FFFFE5



032B00



001600



000000



81A65F



81A65F



78A64E



8AA670

 70A63E

 92A680

 67A62D

 9BA691

 5EA61D

 A4A6A1

 56A60C

 ACA6B2

 4FA600

 B5A6C3

 BEA6D3

 C6A6E4

 CFA6F4

Harmonies

Analogous

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



A99C50



81A65F



50AC7E

Triad

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



81A65F



0BA6DF



E17D93

Complementary

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



81A65F



845FA6

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.



D181B8



81A65F



729CE4

Square

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



81A65F



00ADC7



AB8ED5



DD8370

Rectangle

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



81A65F



1DAE97



AB8ED5



DE7D9F

Sweetspot

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



81A65F



CAD9BD



A6845F



656E5C



EDEDED



6E6E6E

Same Dimension

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



81A65F



9FD96A



5FA660



50544C



479400



0A1400

Inverse Universe

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



845FA6



A46AD9



A65FA5



504C54



4D0094



0B0014

Previews

White Background



This preview shows how the Hex color 81A65F 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

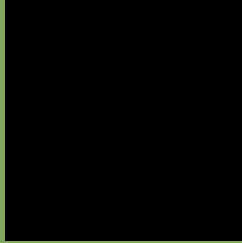
Any Text WCAG AA ✓ Pass

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 81A65F Background



This preview shows how black text looks on a background with the Hex color 81A65F.



This preview shows how white text looks on a background with the Hex color 81A65F.

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
81A65F

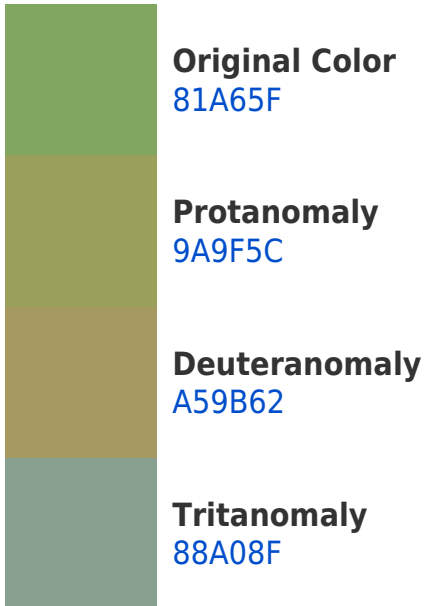
Protanopia
A99B5B

Deuteranopia
BA9463

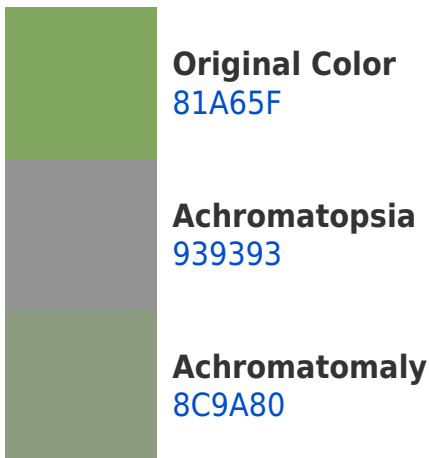


Tritanopia
8C9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A65F 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 #81A65F looks like.

```
.text, #text, p{  
    color:#81A65F  
}
```

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 #81A65F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A65F
}
```

Border

The CSS property to change the border of an element to Hex 81A65F 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
#81A65F }
```

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

```
.border{ border-color:#81A65F }
```

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

Here you see how a box with a 4 pixel #81A65F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A65F; -webkit-box-shadow:4px 4px  
4px 4px #81A65F; box-shadow:4px 4px 4px  
4px #81A65F }
```

Background

The CSS property to change the background color of an element to Hex 81A65F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A65F }
```

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

```
.background{ background-color:#81A65F }
```

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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