

Converting Colors

Hex(80AE61)

Have a look what the booklet for
Hex(80AE61) contains.

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Color

Hex(80AE61)

Conversions

Conversions Part 1

Format	Color
Hex	80AE61
RGB	128, 174, 97
RGB Percent	50%, 68%, 38%
CMY	0.4980, 0.3176, 0.6196
CMYK	0.26, 0.00, 0.44, 0.32
HSL	96°, 32%, 53%
HSV	96°, 44%, 68%
XYZ	26.1958, 35.7244, 16.8241
YIQ	151.4680, -2.6990, -33.6990

Conversions

Conversions Part 2

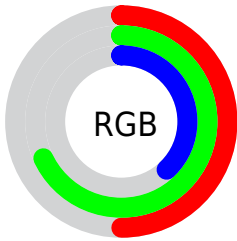
Format	Color
RYB	97, 174, 143
Decimal	8433249
CIELab	66.31, -29.39, 34.59
CIELCh	66, 45.391, 130.355
Yxy	35.7244, 0.3327, 0.4537
Android (android.graphics.Color)	4286623329 (0xFF80AE61)
YUV	151.4680, -26.8527, -20.5814
Hunter-Lab	59.7699, -26.3647, 25.1499

Details

The Hex color **80AE61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F61AE**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B6E695**, and **4C7930** is the 20% darker color. If you saturate the color by 10%, you get **76AE50**, and if you desaturate by 10%, it is **8AAE72**.

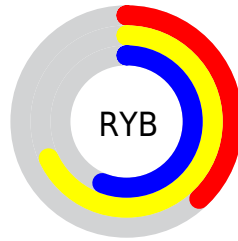
Distribution



Red (50%)

Green (68%)

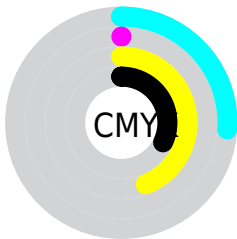
Blue (38%)



Red (38%)

Yellow (68%)

Blue (56%)

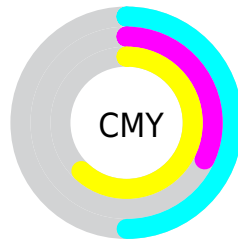


Cyan (26%)

Magenta (0%)

Yellow (44%)

Black (32%)



Cyan (50%)

Magenta (32%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AE61 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 80AE61 by changing the saturation by 10% instead.



80AE61



80AE61

FFFFFF



669348



B6E695



4C7930



D3FFB0



336018



EFFFC



194800



FFFFE8



003100



001E00



000000



80AE61



80AE61



76AE50



8AAE72

 6BAE3E

 95AE84

 61AE2D

 9FAE95

 56AE1B

 AAAEA7

 4CAE0A

 B4AEB8

 46AE00

 BEAEC9

 C9AEDB

 D3AEEC

 DEAEFE

Harmonies

Analogous

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



ACA34E



80AE61



46B484

Triad

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



80AE61



00ADED



EE8095

Complementary

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



80AE61



8F61AE

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.



DF84BE



80AE61



78A1F1

Square

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



80AE61



00B4D5



B791E0



E8876E

Rectangle

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



80AE61



00B6A0



B791E0



EC80A2

Sweetspot

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



80AE61



D1E3C5



AE8E61



687360



F2F2F2



737373

Same Dimension

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



80AE61



9BE36B



61AE67



52574E



3D9600



091700

Inverse Universe

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



8F61AE



B36BE3



AE61A8



534E57



5A0096



0E0017

Previews

White Background



This preview shows how the Hex color 80AE61 looks on a white background.

Color Contrast Check

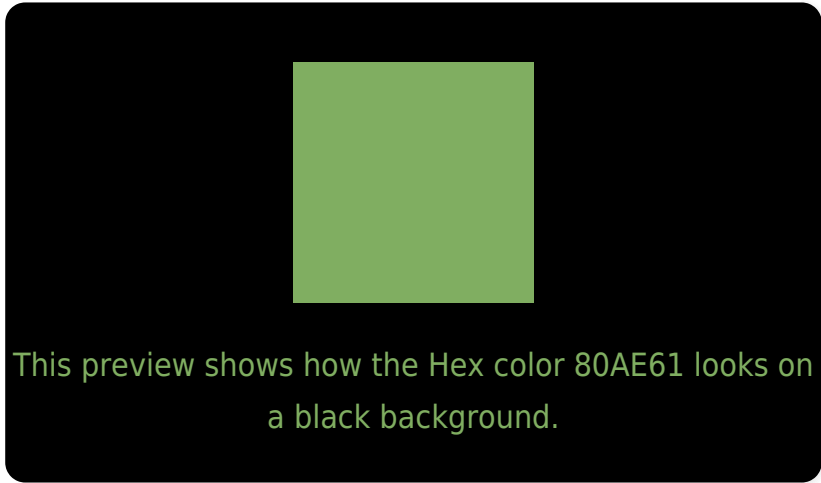
Large Text (above 18pt) WCAG AA × Fail

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 80AE61 Background



This preview shows how black text looks on a background with the Hex color 80AE61.

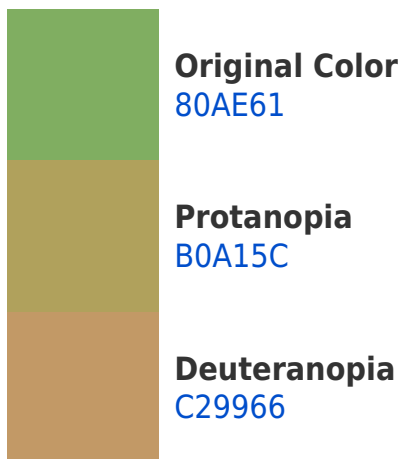


This preview shows how white text looks on a background with the Hex color 80AE61.

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](#).

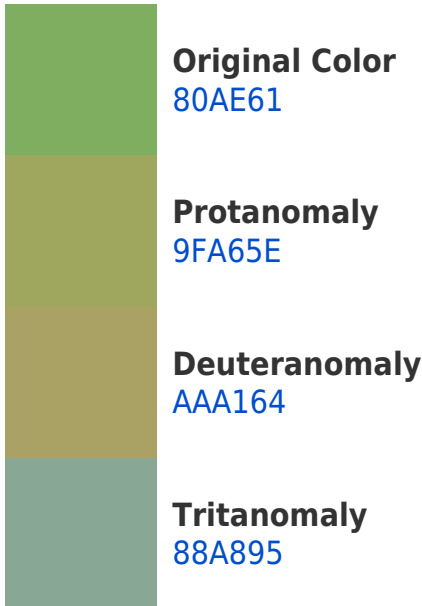
Dichromacy



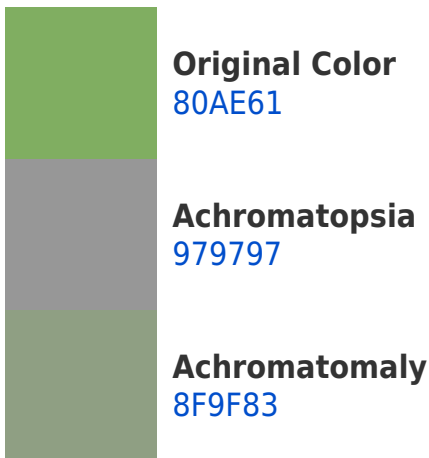


Tritanopia
8CA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AE61 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 #80AE61 looks like.

```
.text, #text, p{  
    color:#80AE61  
}
```

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 #80AE61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AE61  
}
```

Border

The CSS property to change the border of an element to Hex 80AE61 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  
#80AE61 }
```

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

```
.border{ border-color:#80AE61 }
```

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

Here you see how a box with a 4 pixel #80AE61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AE61; -webkit-box-shadow:4px 4px  
4px 4px #80AE61; box-shadow:4px 4px 4px  
4px #80AE61 }
```

Background

The CSS property to change the background color of an element to Hex 80AE61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AE61 }
```

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

```
.background{ background-color:#80AE61 }
```

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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