

Converting Colors

Hex(80A063)

Have a look what the booklet for
Hex(80A063) contains.

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Color

Hex(80A063)

Conversions

Conversions Part 1

Format	Color
Hex	80A063
RGB	128, 160, 99
RGB Percent	50%, 63%, 39%
CMY	0.4980, 0.3725, 0.6118
CMYK	0.20, 0.00, 0.38, 0.37
HSL	91°, 24%, 51%
HSV	91°, 38%, 63%
XYZ	23.7250, 30.6317, 16.4664
YIQ	143.4780, 0.5090, -25.7550

Conversions

Conversions Part 2

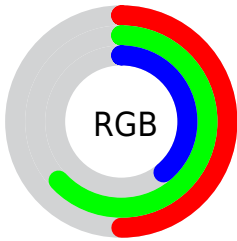
Format	Color
RYB	99, 160, 131
Decimal	8429667
CIELab	62.20, -22.23, 28.26
CIELCh	62, 35.960, 128.187
Yxy	30.6317, 0.3350, 0.4325
Android (android.graphics.Color)	4286619747 (0xFF80A063)
YUV	143.4780, -21.9277, -13.5742
Hunter-Lab	55.3459, -20.3380, 21.1022

Details

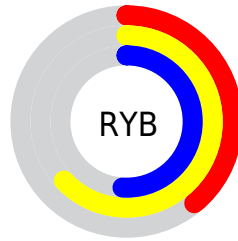
The Hex color **80A063** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8363A0**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **B6D796**, and **4D6C33** is the 20% darker color. If you saturate the color by 10%, you get **78A053**, and if you desaturate by 10%, it is **88A073**.

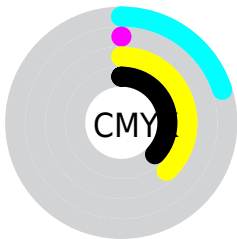
Distribution



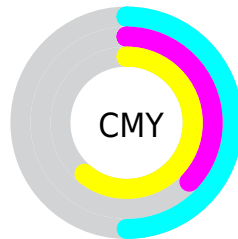
- Red (50%)
- Green (63%)
- Blue (39%)



- Red (39%)
- Yellow (63%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (38%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A063 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 80A063 by changing the saturation by 10% instead.



80A063



80A063

FFFFFF



66864B



B6D796



4D6C33



D2F3B1



35541C



EEFFCD



1E3D04



FFFFE9



062600



000E00



000000



80A063



80A063



78A053



88A073

■ 6FA043

■ 91A083

■ 67A033

■ 99A093

■ 5EA023

■ A2A0A3

■ 56A013

■ AAA0B3

■ 4EA003

■ B2A0C3

■ 4CA000

■ BBA0D3

■ C3A0E3

■ CCA0F3

Harmonies

Analogous

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



A39756



80A063



58A57E

Triad

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



80A063



3AA0D1



D47D8F

Complementary

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



80A063



8363A0

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.



C581AF



80A063



7697D5

Square

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



80A063



00A6BD



A58BC9



D08270

Rectangle

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



80A063



38A793



A58BC9



D17D9A

Sweetspot

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



80A063



C5D1BA



A08363



61695B



E8E8E8



696969

Same Dimension

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



80A063



9FD171



63A064



4B4F47



448F00



070F00

Inverse Universe

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



8363A0



A371D1



A0639F



4B474F



4B008F



08000F

Previews

White Background



This preview shows how the Hex color 80A063 looks on a white background.

Color Contrast Check

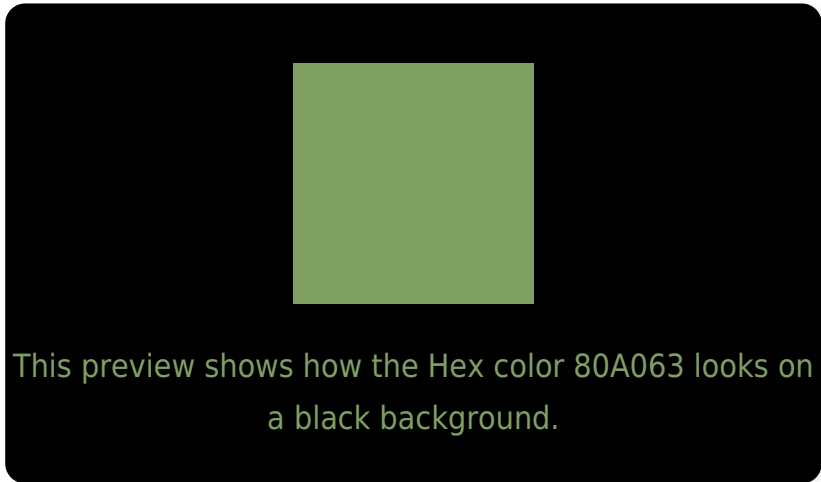
Large Text (above 18pt) WCAG AA × Fail

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 80A063 Background



This preview shows how black text looks on a background with the Hex color 80A063.

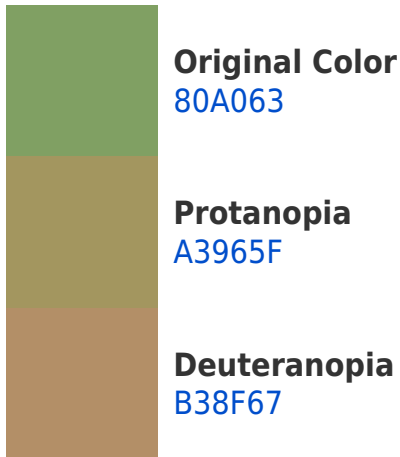


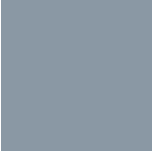
This preview shows how white text looks on a background with the Hex color 80A063.

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](#).

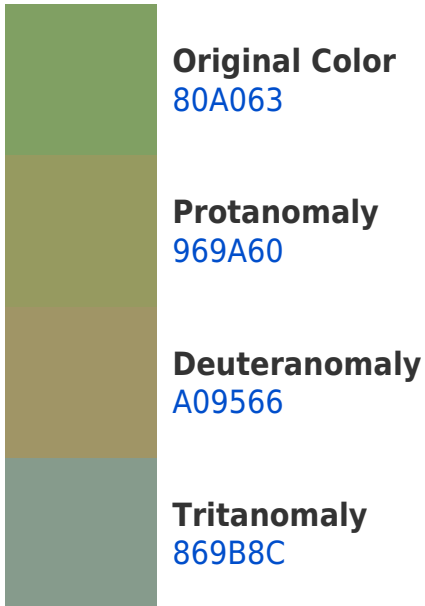
Dichromacy



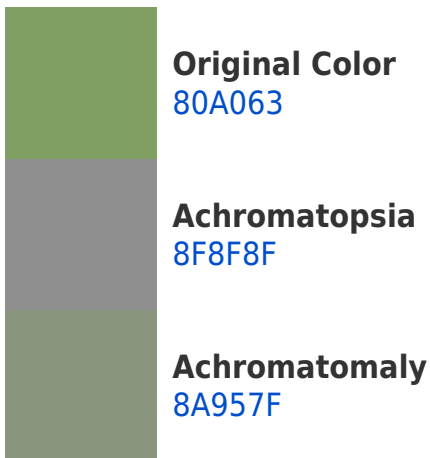


Tritanopia
8A98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A063 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 #80A063 looks like.

```
.text, #text, p{  
    color:#80A063  
}
```

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 #80A063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A063
}
```

Border

The CSS property to change the border of an element to Hex 80A063 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
#80A063 }
```

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

```
.border{ border-color:#80A063 }
```

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

Here you see how a box with a 4 pixel #80A063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A063; -webkit-box-shadow:4px 4px  
4px 4px #80A063; box-shadow:4px 4px 4px  
4px #80A063 }
```

Background

The CSS property to change the background color of an element to Hex 80A063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A063 }
```

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

```
.background{ background-color:#80A063 }
```

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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