

Converting Colors

Hex(80A476)

Have a look what the booklet for
Hex(80A476) contains.

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Color

Hex(80A476)

Conversions

Conversions Part 1

Format	Color
Hex	80A476
RGB	128, 164, 118
RGB Percent	50%, 64%, 46%
CMY	0.4980, 0.3569, 0.5373
CMYK	0.22, 0.00, 0.28, 0.36
HSL	107°, 20%, 55%
HSV	107°, 28%, 64%
XYZ	25.4476, 32.4481, 22.0614
YIQ	147.9920, -6.6900, -21.9380

Conversions

Conversions Part 2

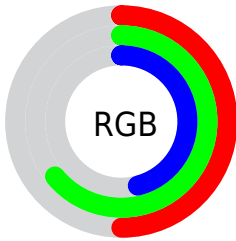
Format	Color
RYB	118, 164, 154
Decimal	8430710
CIELab	63.71, -21.32, 19.97
CIELCh	64, 29.212, 136.886
Yxy	32.4481, 0.3183, 0.4058
Android (android.graphics.Color)	4286620790 (0xFF80A476)
YUV	147.9920, -14.7861, -17.5330
Hunter-Lab	56.9633, -19.9432, 16.9117

Details

The Hex color **80A476** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A76A4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B5DBAA**, and **4E7045** is the 20% darker color. If you saturate the color by 10%, you get **73A466**, and if you desaturate by 10%, it is **8DA486**.

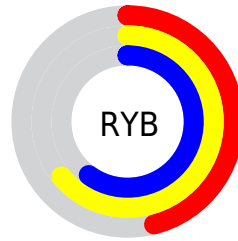
Distribution



Red (50%)

Green (64%)

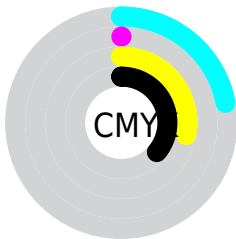
Blue (46%)



Red (46%)

Yellow (64%)

Blue (60%)

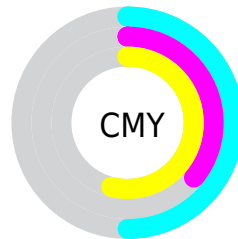


Cyan (22%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80A476 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 80A476 by changing the saturation by 10% instead.



80A476



80A476

FFFFFF



668A5D



B5DBAA



4E7045



D1F8C6



36572E



EEFFE2



1F4019



092A00



001500



000000



80A476



80A476



73A466



8DA486

66A455

9AA497

59A445

A7A4A7

4DA434

B3A4B8

40A424

C0A4C8

33A414

CDA4D8

26A403

DAA4E9

24A400

E7A4F9

F4A4FF

Harmonies

Analogous

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



9D9D68



80A476



61A88E

Triad

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



80A476



66A0CC



CE878C

Complementary

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



80A476



9A76A4

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.



C688A7



80A476



8E98CC

Square

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



80A476



48A6BF



B08FBE



C88C75

Rectangle

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



80A476



4FA9A0



B08FBE



CD8795

Sweetspot

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



80A476



C9D6C5



A49976



636B60



EBEBEB



6B6B6B

Same Dimension

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



80A476



9DD68D



76A482



4B5249



209100



041200

Inverse Universe

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



9A76A4



C68DD6



A47698



504952



720091



0E0012

Previews

White Background



This preview shows how the Hex color 80A476 looks on a white background.

Color Contrast Check

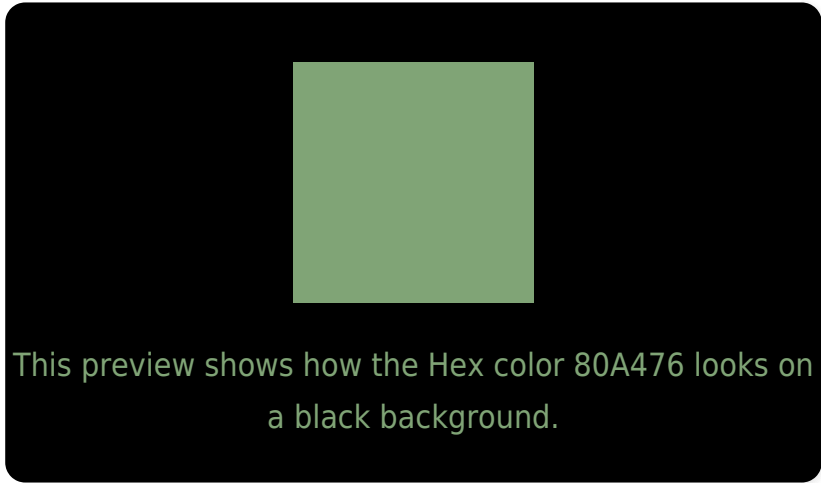
Large Text (above 18pt) WCAG AA × Fail

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 80A476 Background



This preview shows how black text looks on a background with the Hex color 80A476.

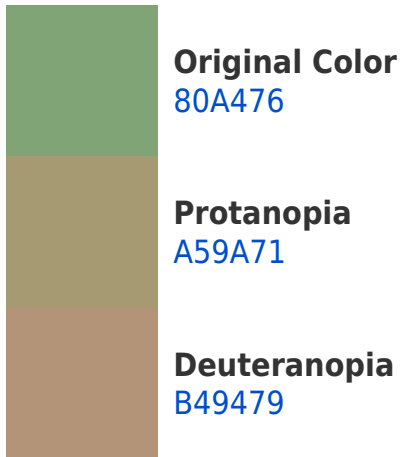


This preview shows how white text looks on a background with the Hex color 80A476.

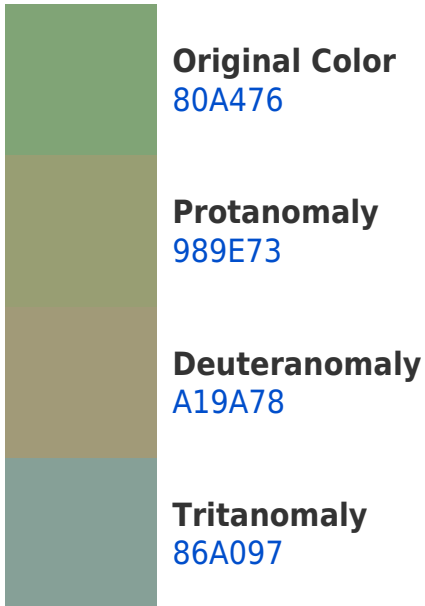
Color Blindness Simulation

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](#).

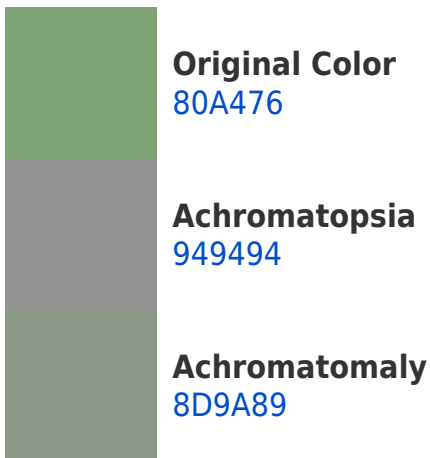
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80A476 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 #80A476 looks like.

```
.text, #text, p{  
    color:#80A476  
}
```

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 #80A476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A476
}
```

Border

The CSS property to change the border of an element to Hex 80A476 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
#80A476 }
```

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

```
.border{ border-color:#80A476 }
```

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

Here you see how a box with a 4 pixel #80A476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A476; -webkit-box-shadow:4px 4px  
4px 4px #80A476; box-shadow:4px 4px 4px  
4px #80A476 }
```

Background

The CSS property to change the background color of an element to Hex 80A476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A476 }
```

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

```
.background{ background-color:#80A476 }
```

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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