

Converting Colors

Hex(80AB76)

Have a look what the booklet for
Hex(80AB76) contains.

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Color

Hex(80AB76)

Conversions

Conversions Part 1

Format	Color
Hex	80AB76
RGB	128, 171, 118
RGB Percent	50%, 67%, 46%
CMY	0.4980, 0.3294, 0.5373
CMYK	0.25, 0.00, 0.31, 0.33
HSL	109°, 24%, 57%
HSV	109°, 31%, 67%
XYZ	26.7350, 35.0230, 22.4906
YIQ	152.1010, -8.6150, -25.5990

Conversions

Conversions Part 2

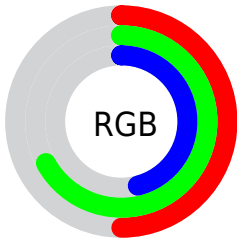
Format	Color
RYB	118, 171, 161
Decimal	8432502
CIELab	65.77, -24.84, 22.75
CIELCh	66, 33.683, 137.509
Yxy	35.0230, 0.3173, 0.4157
Android (android.graphics.Color)	4286622582 (0xFF80AB76)
YUV	152.1010, -16.8118, -21.1366
Hunter-Lab	59.1803, -22.9271, 18.8939

Details

The Hex color **80AB76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A176AB**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B6E3AA**, and **4D7745** is the 20% darker color. If you saturate the color by 10%, you get **72AB65**, and if you desaturate by 10%, it is **8EAB87**.

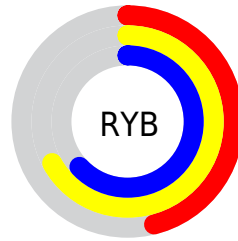
Distribution



Red (50%)

Green (67%)

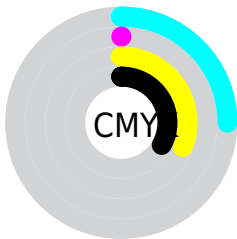
Blue (46%)



Red (46%)

Yellow (67%)

Blue (63%)

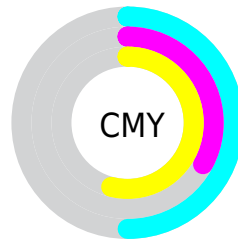


Cyan (25%)

Magenta (0%)

Yellow (31%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AB76 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 80AB76 by changing the saturation by 10% instead.



80AB76



80AB76

FFFFFF



66905D



B6E3AA



4D7745



D2FFC6



355E2E



EEFFE2



1D4618



052F00



001D00



000000



80AB76



80AB76



72AB65



8EAB87

 64AB54

 9CAB98

 56AB43

 AAABA9

 49AB32

 B7ABBA

 3BAB20

 C5ABCB

 2DAB0F

 D3ABDD

 20AB00

 E1ABEE

 EFABFF

 FDABFF

Harmonies

Analogous

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



A2A465



80AB76



5BAF92

Triad

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



80AB76



60A6DA



DB898F

Complementary

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



80AB76



A176AB

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.



D38AAE



80AB76



919DD9

Square

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



80AB76



35ADCB



B992C9



D48F75

Rectangle

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



80AB76



41B0A7



B992C9



DA8999

Sweetspot

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



80AB76



CEDECA



ABA076



667064



F0F0F0



707070

Same Dimension

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



80AB76



9BDE8C



76AB86



50574E



1C9600



041700

Inverse Universe

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



A176AB



CE8CDE



AB769B



554E57



7A0096



130017

Previews

White Background



This preview shows how the Hex color 80AB76 looks on a white background.

Color Contrast Check

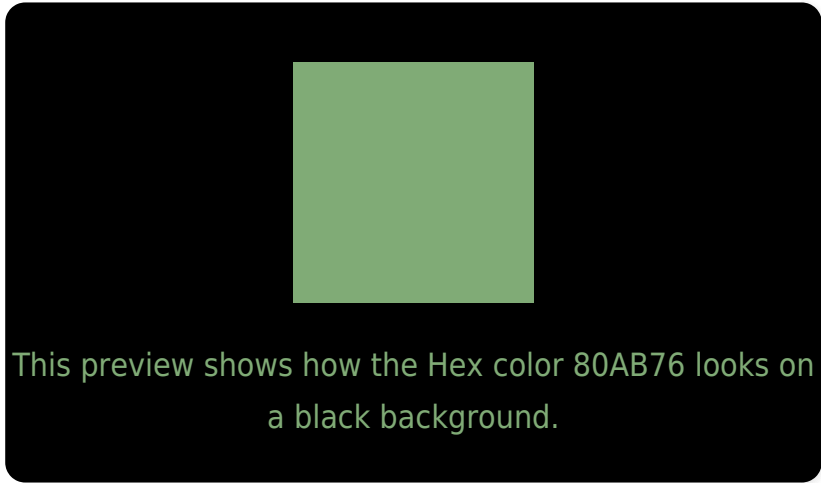
Large Text (above 18pt) WCAG AA × Fail

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

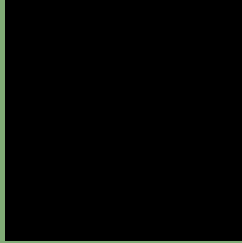
Any Text WCAG AA ✓ Pass

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 80AB76 Background



This preview shows how black text looks on a background with the Hex color 80AB76.



This preview shows how white text looks on a background with the Hex color 80AB76.

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
80AB76

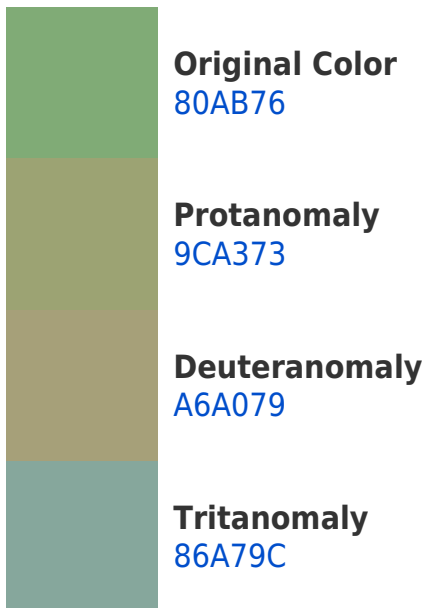
Protanopia
AC9F71

Deuteranopia
BB997A

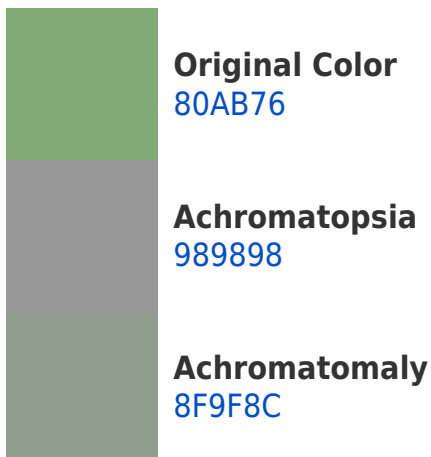


Tritanopia
8AA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AB76 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 #80AB76 looks like.

```
.text, #text, p{  
    color:#80AB76  
}
```

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 #80AB76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AB76
}
```

Border

The CSS property to change the border of an element to Hex 80AB76 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
#80AB76 }
```

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

```
.border{ border-color:#80AB76 }
```

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

Here you see how a box with a 4 pixel #80AB76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AB76; -webkit-box-shadow:4px 4px  
4px 4px #80AB76; box-shadow:4px 4px 4px  
4px #80AB76 }
```

Background

The CSS property to change the background color of an element to Hex 80AB76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AB76 }
```

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

```
.background{ background-color:#80AB76 }
```

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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