

Converting Colors

Hex(80AE82)

Have a look what the booklet for
Hex(80AE82) contains.

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Color

Hex(80AE82)

Conversions

Conversions Part 1

Format	Color
Hex	80AE82
RGB	128, 174, 130
RGB Percent	50%, 68%, 51%
CMY	0.4980, 0.3176, 0.4902
CMYK	0.26, 0.00, 0.25, 0.32
HSL	123°, 22%, 59%
HSV	123°, 26%, 68%
XYZ	28.0674, 36.4730, 26.6798
YIQ	155.2300, -13.2920, -23.4360

Conversions

Conversions Part 2

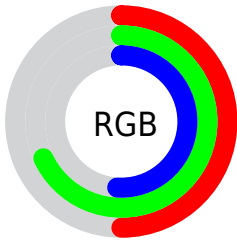
Format	Color
RYB	128, 172, 174
Decimal	8433282
CIELab	66.88, -24.28, 17.74
CIELCh	67, 30.074, 143.841
Yxy	36.4730, 0.3077, 0.3998
Android (android.graphics.Color)	4286623362 (0xFF80AE82)
YUV	155.2300, -12.4384, -23.8807
Hunter-Lab	60.3929, -22.7302, 16.0825

Details

The Hex color **80AE82** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE80AC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B6E6B7**, and **4D7950** is the 20% darker color. If you saturate the color by 10%, you get **6FAE71**, and if you desaturate by 10%, it is **91AE93**.

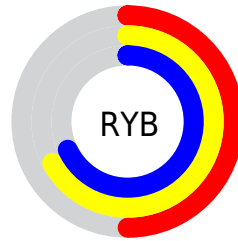
Distribution



Red (50%)

Green (68%)

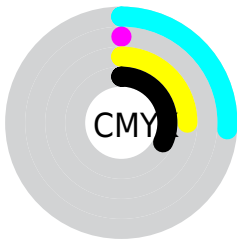
Blue (51%)



Red (50%)

Yellow (67%)

Blue (68%)

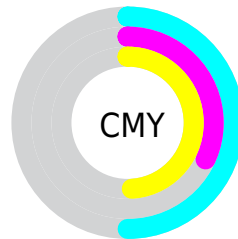


Cyan (26%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (50%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AE82 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 80AE82 by changing the saturation by 10% instead.



80AE82



80AE82

FFFFFF



669369



B6E6B7



4D7950



D2FFD3



356039



EEFFEF



1D4823



03310E



001E00



000000



80AE82



80AE82



6FAE71



91AE93

 5DAE61

 A3AEA3

 4CAE50

 B4AEB4

 3AAE3F

 C6AEC5

 29AE2F

 D7AED5

 18AE1E

 E8AEE6

 06AE0D

 FAAEF7

 00AE08

 FFAEFF

Harmonies

Analogous

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



9FA871



80AE82



61B19C

Triad

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



80AE82



76A7D8



D9908E

Complementary

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



80AE82



AE80AC

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.



D48FA9



80AE82



9F9ED4

Square

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



80AE82



53AECE



C095C3



CF9678

Rectangle

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



80AE82



50B2AF



C095C3



D98F97

Sweetspot

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



80AE82



D1E3D2



ACAE80



677368



F2F2F2



737373

Same Dimension

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



80AE82



9AE39D



80AE99



4E574E



009607



001701

Inverse Universe

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



AE80AC



E39AE0



AE8095



574E56



960090



170016

Previews

White Background



This preview shows how the Hex color 80AE82 looks on a white background.

Color Contrast Check

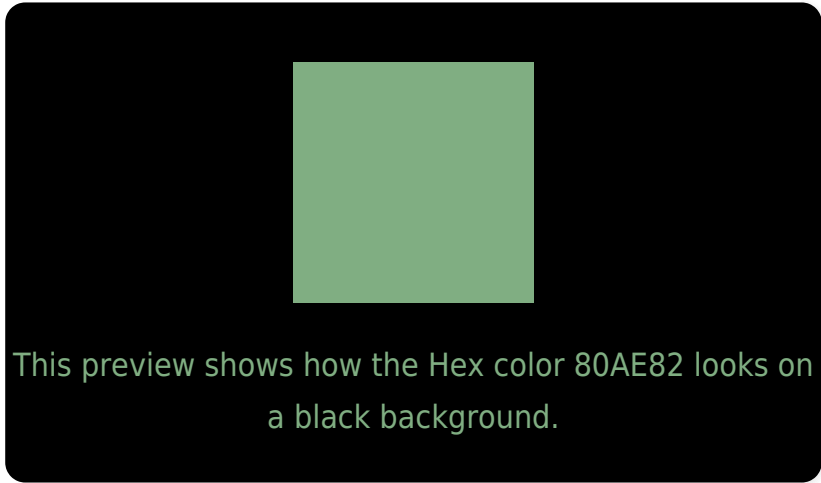
Large Text (above 18pt) WCAG AA × Fail

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

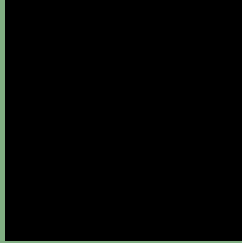
Any Text WCAG AA ✓ Pass

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 80AE82 Background



This preview shows how black text looks on a background with the Hex color 80AE82.

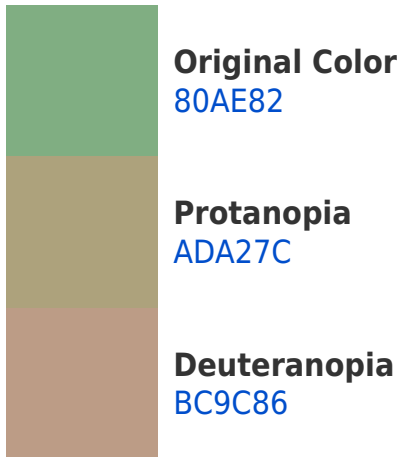


This preview shows how white text looks on a background with the Hex color 80AE82.

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
89A7B5

Trichromacy



Original Color
80AE82

Protanomaly
9DA67E

Deuteranomaly
A6A385

Tritanomaly
86AAA2

Monochromacy



Original Color
80AE82

Achromatopsia
9B9B9B

Achromatomaly
91A292

CSS Examples

Text

The CSS property to change the color of the text to Hex 80AE82 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 #80AE82 looks like.

```
.text, #text, p{  
    color:#80AE82  
}
```

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 #80AE82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AE82
}
```

Border

The CSS property to change the border of an element to Hex 80AE82 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
#80AE82 }
```

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

```
.border{ border-color:#80AE82 }
```

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

Here you see how a box with a 4 pixel #80AE82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AE82; -webkit-box-shadow:4px 4px  
4px 4px #80AE82; box-shadow:4px 4px 4px  
4px #80AE82 }
```

Background

The CSS property to change the background color of an element to Hex 80AE82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AE82 }
```

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

```
.background{ background-color:#80AE82 }
```

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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