

Converting Colors

Hex(82B56A)

Have a look what the booklet for
Hex(82B56A) contains.

Hex(82B56A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82B56A)

Conversions

Conversions Part 1

Format	Color
Hex	82B56A
RGB	130, 181, 106
RGB Percent	51%, 71%, 42%
CMY	0.4902, 0.2902, 0.5843
CMYK	0.28, 0.00, 0.41, 0.29
HSL	101°, 34%, 56%
HSV	101°, 41%, 71%
XYZ	28.3313, 38.8342, 19.6382
YIQ	157.2010, -6.3210, -34.1370

Conversions

Conversions Part 2

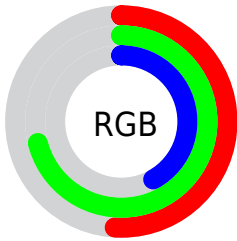
Format	Color
RYB	106, 181, 157
Decimal	8566122
CIELab	68.63, -30.79, 32.92
CIELCh	69, 45.071, 133.088
Yxy	38.8342, 0.3264, 0.4474
Android (android.graphics.Color)	4286756202 (0xFF82B56A)
YUV	157.2010, -25.2421, -23.8553
Hunter-Lab	62.3171, -27.9031, 24.9377

Details

The Hex color **82B56A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9D6AB5**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B9ED9E**, and **4E8039** is the 20% darker color. If you saturate the color by 10%, you get **76B558**, and if you desaturate by 10%, it is **8EB57C**.

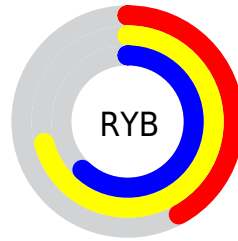
Distribution



Red (51%)

Green (71%)

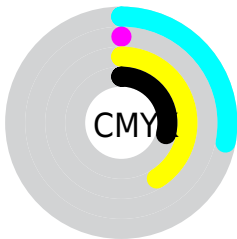
Blue (42%)



Red (42%)

Yellow (71%)

Blue (62%)

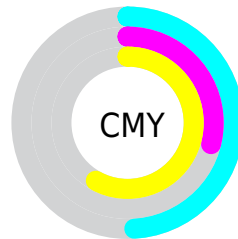


Cyan (28%)

Magenta (0%)

Yellow (41%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B56A 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 82B56A by changing the saturation by 10% instead.

 82B56A

 82B56A

FFFFFF

 689A51

 B9ED9E

 4E8039

 D5FFBA

 356621

 F2FFD5

 1A4E08

 FFFFF2

 003700

 002300

 000000

 82B56A

 82B56A

 76B558

 8EB57C

 69B546

 9BB58E

 5DB534

 A7B5A0

 51B522

 B3B5B2

 44B50F

 C0B5C5

 3AB500

 CCB5D7

 D8B5E9

 E4B5FB

 F1B5FF

Harmonies

Analogous

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



AFAB56



82B56A



48BB8E

Triad

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



82B56A



22B2F5



F58697

Complementary

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



82B56A



9D6AB5

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.



E789C0



82B56A



86A5F7

Square

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



82B56A



00BADE



C296E3



ED8F72

Rectangle

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



82B56A



00BDAA



C296E3



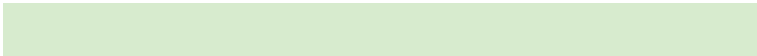
F386A5

Sweetspot

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



82B56A



D7EBCE



B59C6A



6A7565



F5F5F5



757575

Same Dimension

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



82B56A



9BEB75



6AB576



535950



319900



081A00

Inverse Universe

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



9D6AB5



C575EB



B56AA9



565059



680099



11001A

Previews

White Background



This preview shows how the Hex color 82B56A looks on a white background.

Color Contrast Check

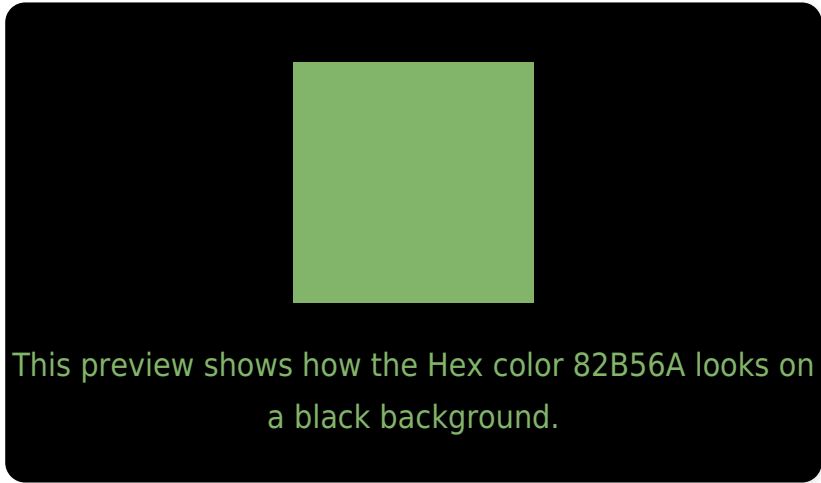
Large Text (above 18pt) WCAG AA × Fail

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 82B56A Background



This preview shows how black text looks on a background with the Hex color 82B56A.

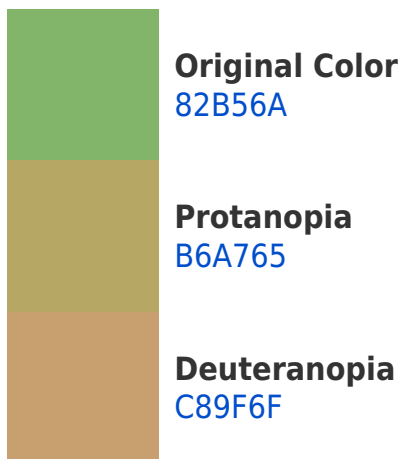


This preview shows how white text looks on a background with the Hex color 82B56A.

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](#).

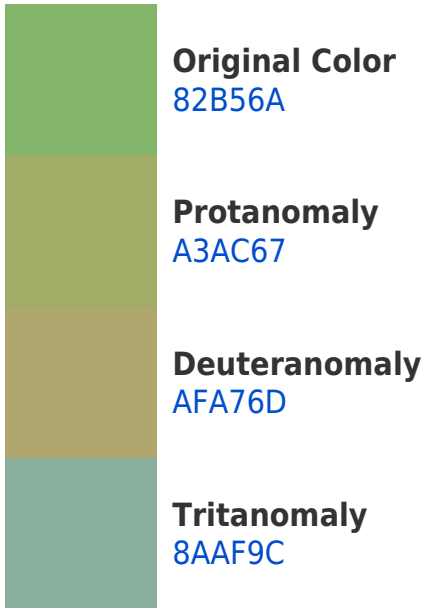
Dichromacy



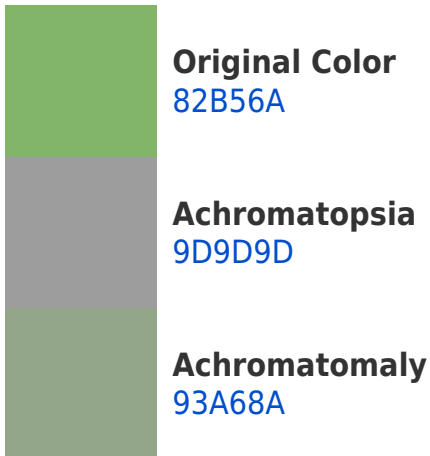


Tritanopia
8FACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B56A 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 #82B56A looks like.

```
.text, #text, p{  
    color:#82B56A  
}
```

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 #82B56A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B56A
}
```

Border

The CSS property to change the border of an element to Hex 82B56A 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
#82B56A }
```

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

```
.border{ border-color:#82B56A }
```

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

Here you see how a box with a 4 pixel #82B56A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B56A; -webkit-box-shadow:4px 4px  
4px 4px #82B56A; box-shadow:4px 4px 4px  
4px #82B56A }
```

Background

The CSS property to change the background color of an element to Hex 82B56A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B56A }
```

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

```
.background{ background-color:#82B56A }
```

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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