

Converting Colors

Hex(82BE71)

Have a look what the booklet for
Hex(82BE71) contains.

Hex(82BE71)	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(82BE71)

Conversions

Conversions Part 1

Format	Color
Hex	82BE71
RGB	130, 190, 113
RGB Percent	51%, 75%, 44%
CMY	0.4902, 0.2549, 0.5569
CMYK	0.32, 0.00, 0.41, 0.25
HSL	107°, 37%, 59%
HSV	107°, 41%, 75%
XYZ	30.6000, 42.7650, 22.2645
YIQ	163.2820, -11.0430, -36.6670

Conversions

Conversions Part 2

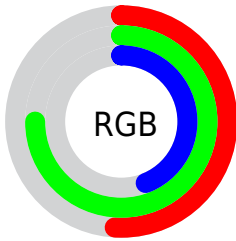
Format	Color
RYB	113, 190, 173
Decimal	8568433
CIELab	71.40, -34.02, 32.85
CIELCh	71, 47.291, 135.996
Yxy	42.7650, 0.3200, 0.4472
Android (android.graphics.Color)	4286758513 (0xFF82BE71)
YUV	163.2820, -24.7890, -29.1883
Hunter-Lab	65.3949, -30.9163, 25.5905

Details

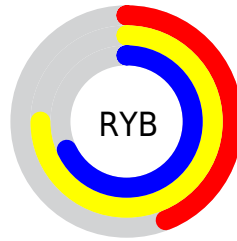
The Hex color **82BE71** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AD71BE**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **B9F7A6**, and **4D883F** is the 20% darker color. If you saturate the color by 10%, you get **73BE5E**, and if you desaturate by 10%, it is **91BE84**.

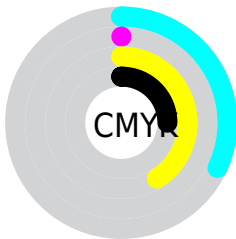
Distribution



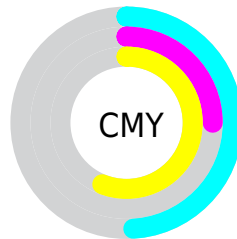
- Red (51%)
- Green (75%)
- Blue (44%)



- Red (44%)
- Yellow (75%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (41%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82BE71 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 82BE71 by changing the saturation by 10% instead.

 82BE71

 82BE71

FFFFFF

 67A358

 B9F7A6

 4D883F

 D5FFC1

 336E28

 F2FFDD

 18560F

 FFFFFA

 003E00

 002800


 000A00

 000000

 82BE71

 82BE71

 73BE5E

 91BE84

 64BE4B

 A0BE97

 56BE38

 AEBEAA

 47BE25

 BDBEBD

 38BE12

 CCBED0

 2ABE00

 DBBEE3

 EABEF6

 F8BEFF

 FFBEFF

Harmonies

Analogous

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



B3B459



82BE71



40C499

Triad

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



82BE71



2FB9FF



FF8C99

Complementary

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



82BE71



AD71BE

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.



F58EC5



82BE71



92ABFF

Square

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



82BE71



00C2EC



D09BEB



F79673

Rectangle

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



82BE71



00C5B6



D09BEB



FF8BA8

Sweetspot

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



82BE71



E0F7DA



BEAC71



6F7D6B



FCFCFC



7D7D7D

Same Dimension

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



82BE71



99F77E



71BE86



575E55



239E00



071F00

Inverse Universe

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



AD71BE



DD7EF7



BE71A9



5C555E



7B009E



18001F

Previews

White Background



This preview shows how the Hex color 82BE71 looks on a white background.

Color Contrast Check

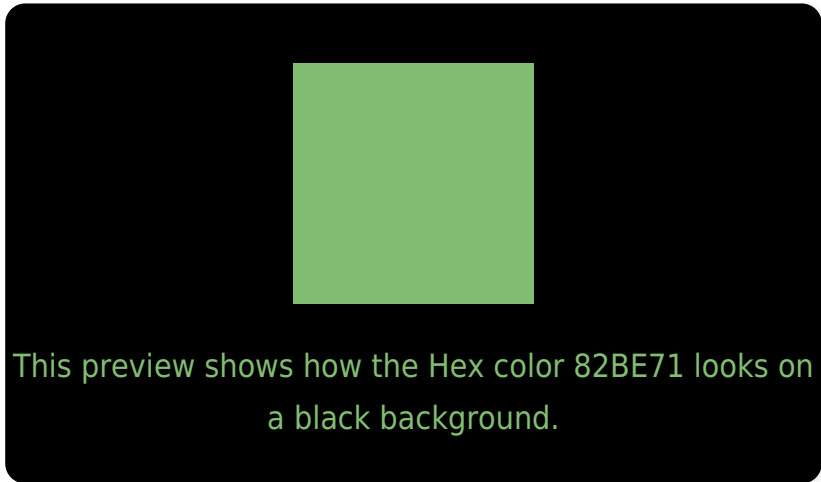
Large Text (above 18pt) WCAG AA × Fail

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

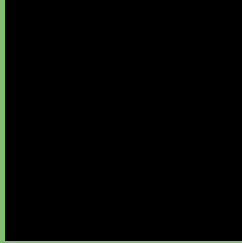
Any Text WCAG AA ✓ Pass

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 82BE71 Background



This preview shows how black text looks on a background with the Hex color 82BE71.

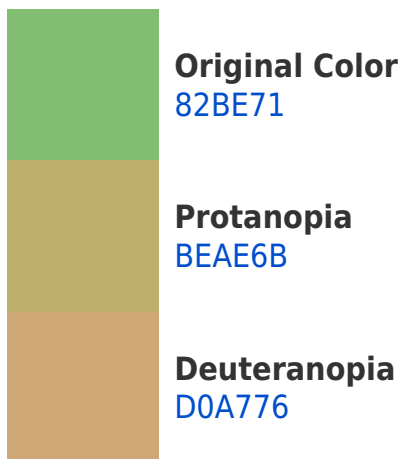


This preview shows how white text looks on a background with the Hex color 82BE71.

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](#).

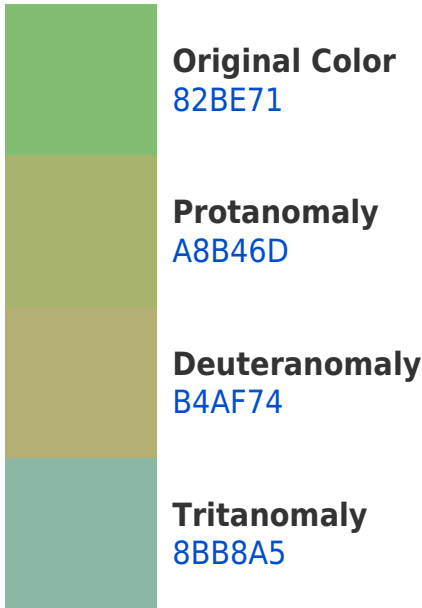
Dichromacy



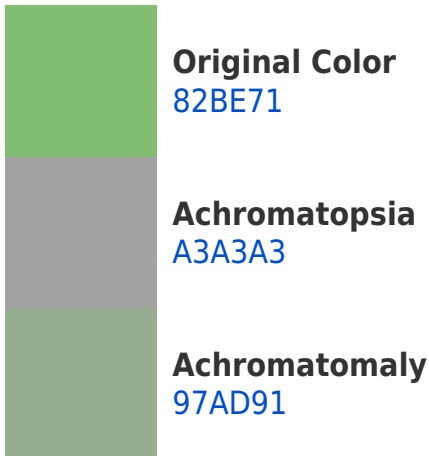


Tritanopia
90B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82BE71 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 #82BE71 looks like.

```
.text, #text, p{  
    color:#82BE71  
}
```

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 #82BE71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BE71
}
```

Border

The CSS property to change the border of an element to Hex 82BE71 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
#82BE71 }
```

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

```
.border{ border-color:#82BE71 }
```

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

Here you see how a box with a 4 pixel #82BE71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BE71; -webkit-box-shadow:4px 4px  
4px 4px #82BE71; box-shadow:4px 4px 4px  
4px #82BE71 }
```

Background

The CSS property to change the background color of an element to Hex 82BE71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BE71 }
```

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

```
.background{ background-color:#82BE71 }
```

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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