

Converting Colors

Hex(82BD89)

Have a look what the booklet for
Hex(82BD89) contains.

Hex(82BD89)	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(82BD89)

Conversions

Conversions Part 1

Format	Color
Hex	82BD89
RGB	130, 189, 137
RGB Percent	51%, 74%, 54%
CMY	0.4902, 0.2588, 0.4627
CMYK	0.31, 0.00, 0.28, 0.26
HSL	127°, 31%, 63%
HSV	127°, 31%, 74%
XYZ	31.9189, 42.9472, 30.2742
YIQ	165.4310, -18.4720, -28.6800

Conversions

Conversions Part 2

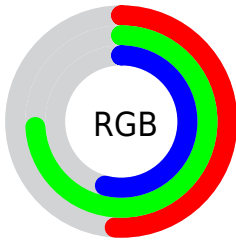
Format	Color
RYB	130, 183, 189
Decimal	8568201
CIELab	71.52, -29.70, 20.36
CIELCh	72, 36.004, 145.568
Yxy	42.9472, 0.3036, 0.4085
Android (android.graphics.Color)	4286758281 (0xFF82BD89)
YUV	165.4310, -14.0165, -31.0730
Hunter-Lab	65.5341, -27.7449, 18.4841

Details

The Hex color **82BD89** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BD82B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B8F6BF**, and **4E8757** is the 20% darker color. If you saturate the color by 10%, you get **6FBD78**, and if you desaturate by 10%, it is **95BD9A**.

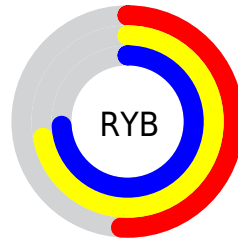
Distribution



Red (51%)

Green (74%)

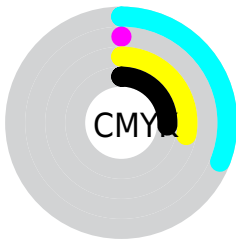
Blue (54%)



Red (51%)

Yellow (72%)

Blue (74%)

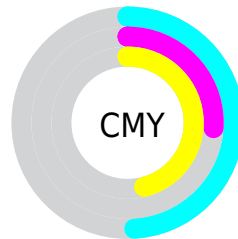


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (26%)



Cyan (49%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82BD89 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 82BD89 by changing the saturation by 10% instead.

 82BD89

 82BD89

FFFFFF

 68A26F

 B8F6BF

 4E8757

 D5FFDB

 356E3F

 F1FFF7

 1B5529

 003D13

 002700

 000A00

 000000

 82BD89

 82BD89

 6FBD78

 95BD9A

 5CBD68

 A8BDAA

 49BD57

 BBBDBB

 36BD46

 CEBDCC

 23BD36

 E1BDDC

 11BD25

 F3BDED

 00BD16

 FFBDFE

 FFBDFE

Harmonies

Analogous

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



A8B673



82BD89



59C1A9

Triad

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



82BD89



79B4F0



EF9894

Complementary

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



82BD89



BD82B6

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.



EB96B5



82BD89



ACA8EA

Square

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



82BD89



45BCE4



D49DD5



E3A07A

Rectangle

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



82BD89



3FC1C0



D49DD5



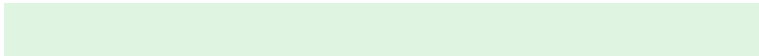
F0969F

Sweetspot

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



82BD89



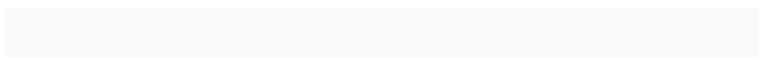
DFF5E1



B6BD82



6D7A6F



FAFAFA



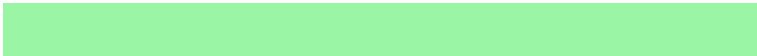
7A7A7A

Same Dimension

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



82BD89



9AF5A5



82BDA6



555E56



009E13



001F04

Inverse Universe

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



BD82B6



F59AEA



BD8299



5E555D



9E008B



1F001B

Previews

White Background



This preview shows how the Hex color 82BD89 looks on a white background.

Color Contrast Check

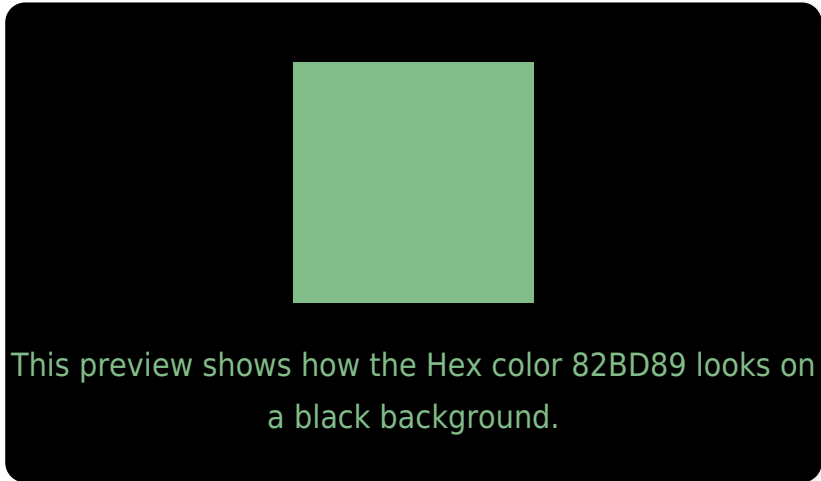
Large Text (above 18pt) WCAG AA × Fail

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

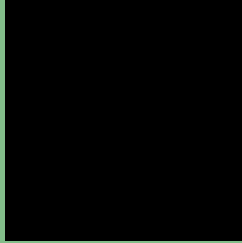
Any Text WCAG AA ✓ Pass

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 82BD89 Background



This preview shows how black text looks on a background with the Hex color 82BD89.

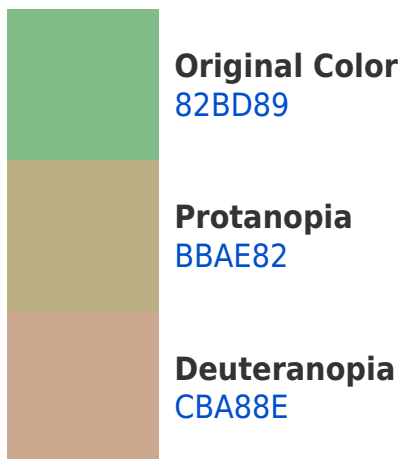


This preview shows how white text looks on a background with the Hex color 82BD89.

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](#).

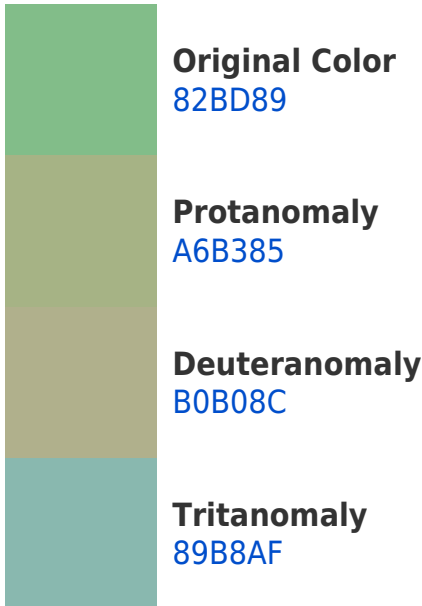
Dichromacy



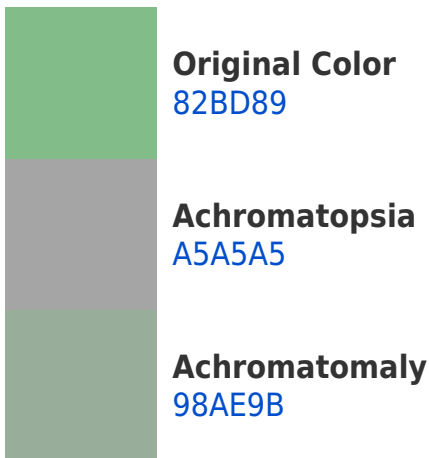


Tritanopia
8DB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82BD89 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 #82BD89 looks like.

```
.text, #text, p{  
    color:#82BD89  
}
```

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 #82BD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82BD89
}
```

Border

The CSS property to change the border of an element to Hex 82BD89 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
#82BD89 }
```

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

```
.border{ border-color:#82BD89 }
```

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

Here you see how a box with a 4 pixel #82BD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82BD89; -webkit-box-shadow:4px 4px  
4px 4px #82BD89; box-shadow:4px 4px 4px  
4px #82BD89 }
```

Background

The CSS property to change the background color of an element to Hex 82BD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82BD89 }
```

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

```
.background{ background-color:#82BD89 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor