

Converting Colors

Hex(82CAA6)

Have a look what the booklet for
Hex(82CAA6) contains.

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Color

Hex(82CAA6)

Conversions

Conversions Part 1

Format	Color
Hex	82CAA6
RGB	130, 202, 166
RGB Percent	51%, 79%, 65%
CMY	0.4902, 0.2078, 0.3490
CMYK	0.36, 0.00, 0.18, 0.21
HSL	150°, 40%, 65%
HSV	150°, 36%, 79%
XYZ	37.2094, 49.7401, 43.7160
YIQ	176.3680, -31.3560, -26.4600

Conversions

Conversions Part 2

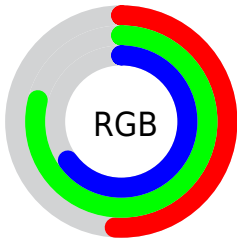
Format	Color
RYB	130, 178, 202
Decimal	8571558
CIELab	75.91, -30.39, 10.92
CIELCh	76, 32.294, 160.236
Yxy	49.7401, 0.2848, 0.3807
Android (android.graphics.Color)	4286761638 (0xFF82CAA6)
YUV	176.3680, -5.1114, -40.6647
Hunter-Lab	70.5266, -29.2462, 12.6176

Details

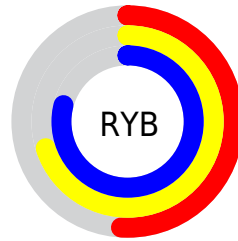
The Hex color **82CAA6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA82A6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B9FFDD**, and **4D9472** is the 20% darker color. If you saturate the color by 10%, you get **6ECA9C**, and if you desaturate by 10%, it is **96CAB0**.

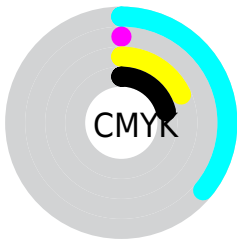
Distribution



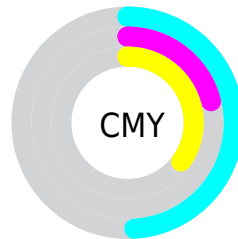
- Red (51%)
- Green (79%)
- Blue (65%)



- Red (51%)
- Yellow (70%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82CAA6 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 82CAA6 by changing the saturation by 10% instead.



82CAA6



82CAA6

FFFFFF



67AE8C



B9FFDD



4D9472



D5FFFA



32795A



F2FFFF



156042



00482C



003117



001D00



000000



82CAA6



82CAA6

 6ECA9C

 96CAB0

 5ACA92

 AACABA

 45CA88

 BFCAC4

 31CA7E

 D3CACE

 1DCA74

 E7CAD9

 09CA69

 FBCAE3

 00CA65

 FFCAED

 FFCAF7

 FFCAFF

Harmonies

Analogous

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



A5C58D



82CAA6



64CCC5

Triad

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



82CAA6



A3BAF5



F3A996

Complementary

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



82CAA6



CA82A6

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.



F6A5B2



82CAA6



CCB0E9

Square

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



82CAA6



78C4F2



E9A7D0



E1B284

Rectangle

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



82CAA6



5BCBD8



E9A7D0



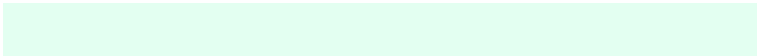
F6A79F

Sweetspot

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



82CAA6



E3FFF1



A6CA82



6F8077



000000



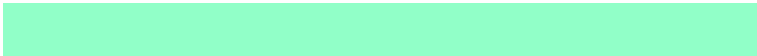
808080

Same Dimension

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



82CAA6



91FFC8



82CACA



5C6661



00A653



002613

Inverse Universe

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



CA82A6



FF91C8



CA8282



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color 82CAA6 looks on a white background.

Color Contrast Check

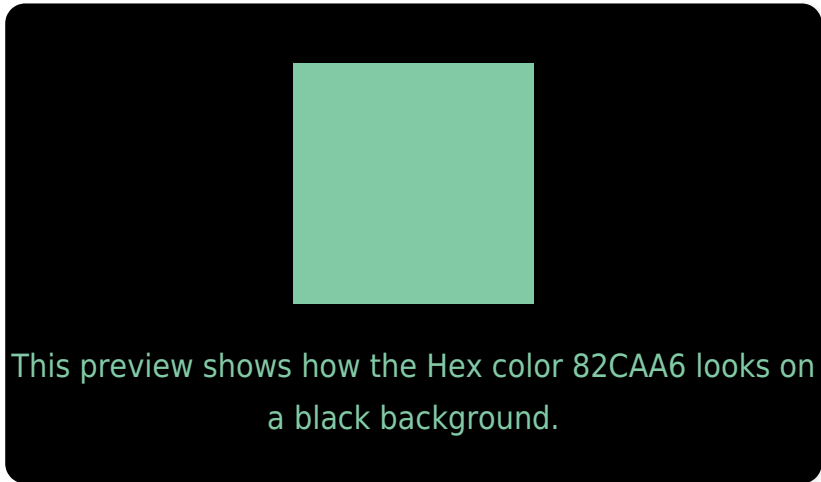
Large Text (above 18pt) WCAG AA × Fail

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

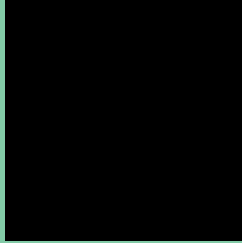
Any Text WCAG AA ✓ Pass

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 82CAA6 Background



This preview shows how black text looks on a background with the Hex color 82CAA6.

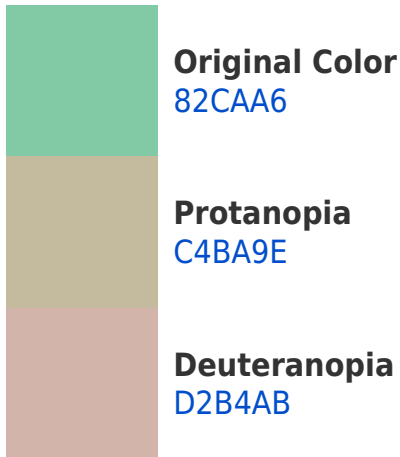


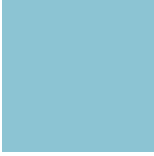
This preview shows how white text looks on a background with the Hex color 82CAA6.

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](#).

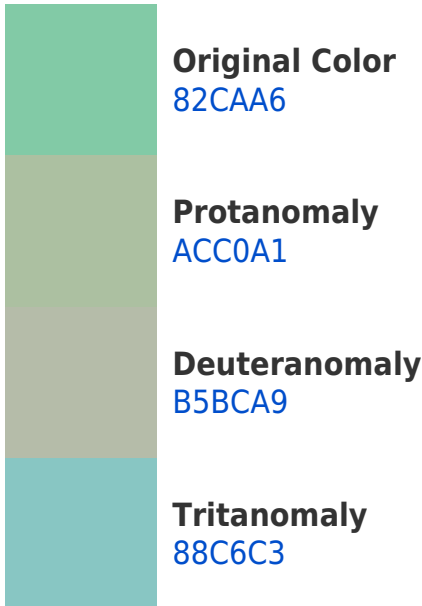
Dichromacy



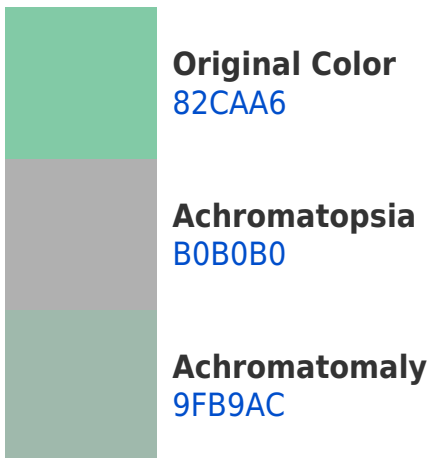


Tritanopia
8CC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82CAA6 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 #82CAA6 looks like.

```
.text, #text, p{  
    color:#82CAA6  
}
```

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 #82CAA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82CAA6
}
```

Border

The CSS property to change the border of an element to Hex 82CAA6 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
#82CAA6 }
```

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

```
.border{ border-color:#82CAA6 }
```

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

Here you see how a box with a 4 pixel #82CAA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82CAA6; -webkit-box-shadow:4px 4px  
4px 4px #82CAA6; box-shadow:4px 4px 4px  
4px #82CAA6 }
```

Background

The CSS property to change the background color of an element to Hex 82CAA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82CAA6 }
```

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

```
.background{ background-color:#82CAA6 }
```

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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