

Converting Colors

Hex(82B280)

Have a look what the booklet for
Hex(82B280) contains.

Hex(82B280)	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(82B280)

Conversions

Conversions Part 1

Format	Color
Hex	82B280
RGB	130, 178, 128
RGB Percent	51%, 70%, 50%
CMY	0.4902, 0.3020, 0.4980
CMYK	0.27, 0.00, 0.28, 0.30
HSL	118°, 25%, 60%
HSV	118°, 28%, 70%
XYZ	29.0226, 38.1451, 26.2552
YIQ	157.9480, -12.5580, -25.7260

Conversions

Conversions Part 2

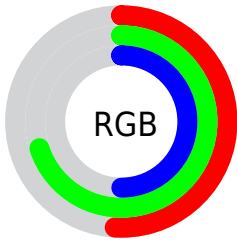
Format	Color
RYB	128, 178, 176
Decimal	8565376
CIELab	68.13, -25.92, 20.56
CIELCh	68, 33.089, 141.578
Yxy	38.1451, 0.3107, 0.4083
Android (android.graphics.Color)	4286755456 (0xFF82B280)
YUV	157.9480, -14.7644, -24.5104
Hunter-Lab	61.7617, -24.2037, 18.0288

Details

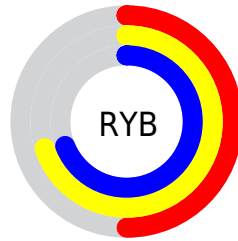
The Hex color **82B280** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B080B2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B8EAB5**, and **4F7D4E** is the 20% darker color. If you saturate the color by 10%, you get **71B26E**, and if you desaturate by 10%, it is **93B292**.

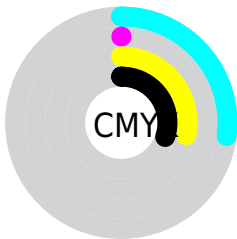
Distribution



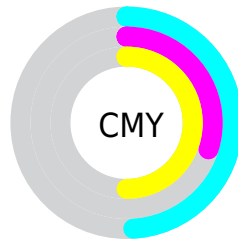
- Red (51%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82B280 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 82B280 by changing the saturation by 10% instead.



82B280



82B280

FFFFFF



689767



B8EAB5



4F7D4E



D4FFD1



366437



F1FFED



1E4C21



03350B



002000



000000



82B280



82B280



71B26E



93B292

 60B25C

 A4B2A4

 4FB24B

 B5B2B5

 3EB239

 C6B2C7

 2DB227

 D7B2D9

 1BB215

 E9B2EB

 0AB203

 FAB2FD

 07B200

 FFB2FF

Harmonies

Analogous

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



A4AB6E



82B280



5EB69C

Triad

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



82B280



70ABE1



E19092

Complementary

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



82B280



B080B2

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.



DB90B0



82B280



9EA1DD

Square

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



82B280



46B3D4



C497CB



D89778

Rectangle

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



82B280



48B6B1



C497CB



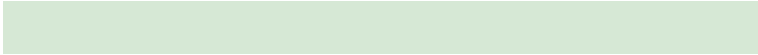
E18F9B

Sweetspot

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



82B280



D6E8D5



B2B080



6A756A



F5F5F5



757575

Same Dimension

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



82B280



9CE899



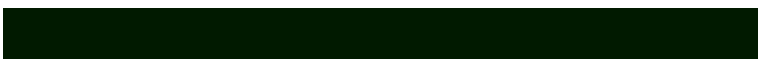
80B297



515950



069900



011A00

Inverse Universe

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



B080B2



E599E8



B2809B



595059



930099



18001A

Previews

White Background



This preview shows how the Hex color 82B280 looks on a white background.

Color Contrast Check

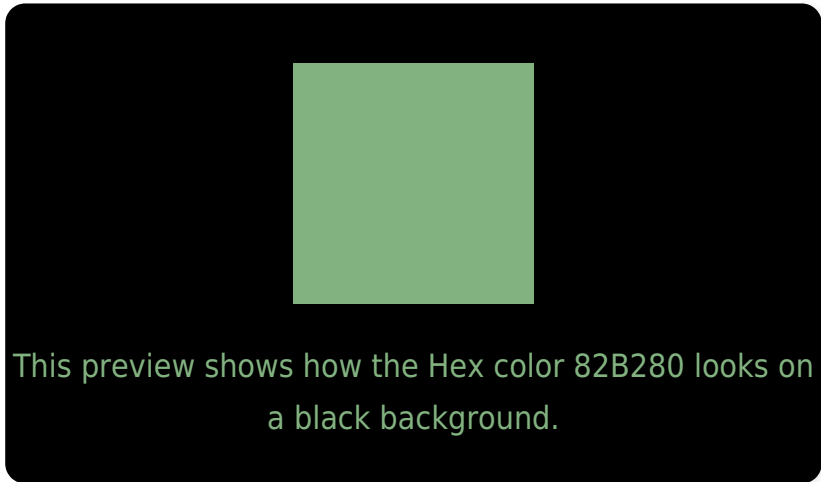
Large Text (above 18pt) WCAG AA × Fail

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

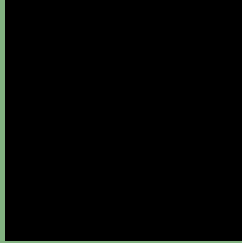
Any Text WCAG AA ✓ Pass

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 82B280 Background



This preview shows how black text looks on a background with the Hex color 82B280.

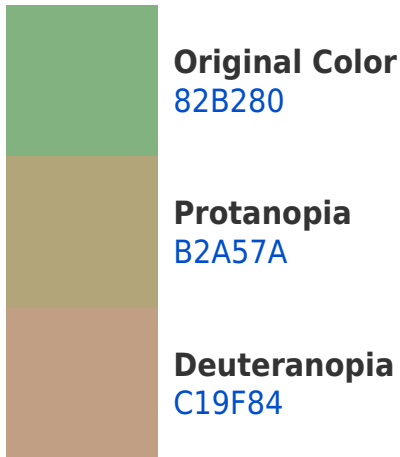


This preview shows how white text looks on a background with the Hex color 82B280.

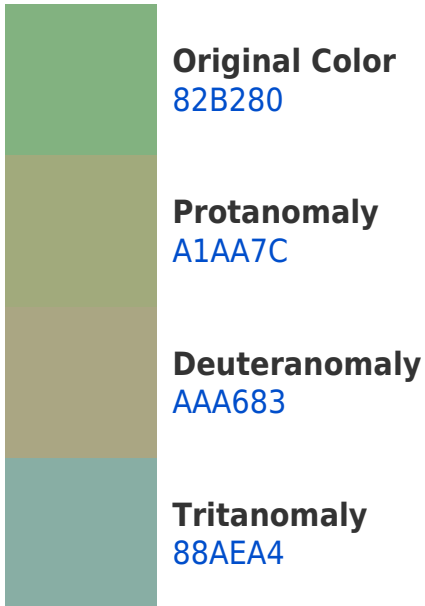
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82B280 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 #82B280 looks like.

```
.text, #text, p{  
    color:#82B280  
}
```

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 #82B280 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B280
}
```

Border

The CSS property to change the border of an element to Hex 82B280 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
#82B280 }
```

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

```
.border{ border-color:#82B280 }
```

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

Here you see how a box with a 4 pixel #82B280 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B280; -webkit-box-shadow:4px 4px  
4px 4px #82B280; box-shadow:4px 4px 4px  
4px #82B280 }
```

Background

The CSS property to change the background color of an element to Hex 82B280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B280 }
```

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

```
.background{ background-color:#82B280 }
```

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