

# Converting Colors

Hex(82B281)

Have a look what the booklet for  
Hex(82B281) contains.

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# **Color**

**Hex(82B281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82B281
RGB	130, 178, 129
RGB Percent	51%, 70%, 51%
CMY	0.4902, 0.3020, 0.4941
CMYK	0.27, 0.00, 0.28, 0.30
HSL	119°, 24%, 60%
HSV	119°, 28%, 70%
XYZ	29.0888, 38.1716, 26.6036
YIQ	158.0620, -12.8790, -25.4150

# Conversions

## Conversions Part 2

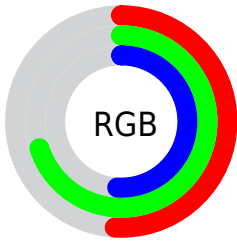
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 178, 177
Decimal	8565377
CIELab	68.15, -25.75, 20.05
CIELCh	68, 32.636, 142.099
Yxy	38.1716, 0.3099, 0.4067
Android (android.graphics.Color)	4286755457 (0xFF82B281)
YUV	158.0620, -14.3276, -24.6104
Hunter-Lab	61.7832, -24.0791, 17.7182

# Details

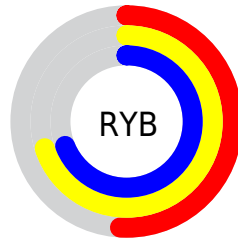
The Hex color **82B281** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B181B2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B8EAB6**, and **4F7D4F** is the 20% darker color. If you saturate the color by 10%, you get **71B26F**, and if you desaturate by 10%, it is **93B293**.

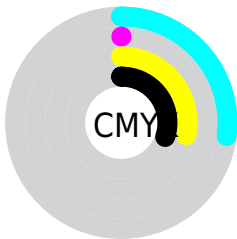
# Distribution



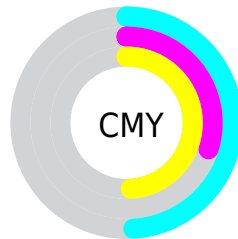
- Red (51%)
- Green (70%)
- Blue (51%)



- Red (51%)
- Yellow (70%)
- Blue (69%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 82B281 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 82B281 by changing the saturation by 10% instead.





82B281



82B281

FFFFFF



689768



B8EAB6



4F7D4F



D4FFD2



366438



F1FFEE



1E4C22



03350D



002000



000000



82B281



82B281



71B26F



93B293

 5FB25D

 A5B2A5

 4EB24C

 B6B2B6

 3CB23A

 C8B2C8

 2BB228

 D9B2DA

 19B216

 EBB2EC

 08B204

 FCB2FE

 04B200

 FFB2FF

# Harmonies

## Analogous

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



A4AB6F



82B281



5EB69D

# Triad

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



82B281



72ABE0



E19191

# Complementary

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



82B281



B181B2

# 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.



DB90AF



82B281



9FA1DD

# Square

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



82B281



49B2D4



C497CB



D79879

# Rectangle

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



82B281



49B6B1



C497CB



E0909B



# Sweetspot

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



82B281



D6E8D5



B2B081



6A756A



F5F5F5



757575



# Same Dimension

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



82B281



9DE89B



81B298



515950



039900



011A00



# Inverse Universe

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



B181B2



E69BE8



B2819B



595059



960099



19001A



# Previews

## White Background



This preview shows how the Hex color 82B281 looks on a white background.

## Color Contrast Check

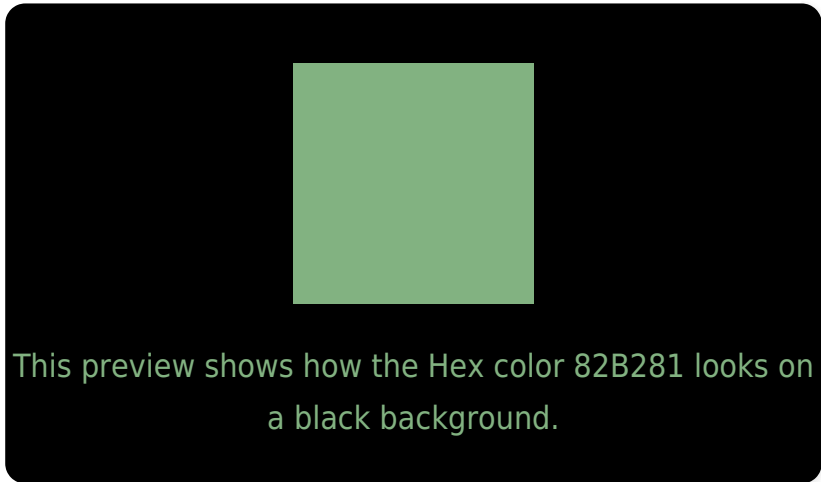
Large Text (above 18pt) WCAG AA × Fail

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

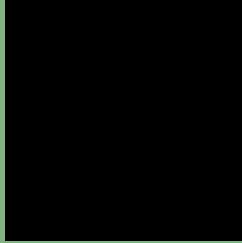
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 82B281 Background



This preview shows how black text looks on a background with the Hex color 82B281.



This preview shows how white text looks on a background with the Hex color 82B281.

# 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



**Original Color**  
82B281

**Protanomaly**  
A0AA7D

**Deuteranomaly**  
AAA684

**Tritanomaly**  
88AEA4

# Monochromacy



**Original Color**  
82B281

**Achromatopsia**  
9E9E9E

**Achromatomaly**  
94A593

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82B281 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 #82B281 looks like.

```
.text, #text, p{  
    color:#82B281  
}
```

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 #82B281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82B281
}
```

## Border

The CSS property to change the border of an element to Hex 82B281 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
#82B281 }
```

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

```
.border{ border-color:#82B281 }
```

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

Here you see how a box with a 4 pixel #82B281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82B281; -webkit-box-shadow:4px 4px  
4px 4px #82B281; box-shadow:4px 4px 4px  
4px #82B281 }
```

# Background

The CSS property to change the background color of an element to Hex 82B281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82B281 }
```

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

```
.background{ background-color:#82B281 }
```

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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