

# Converting Colors

Hex(81C289)

Have a look what the booklet for  
Hex(81C289) contains.

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**Color**

**Hex(81C289)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 81C289                       |
| RGB         | 129, 194, 137                |
| RGB Percent | 51%, 76%, 54%                |
| CMY         | 0.4941, 0.2392, 0.4627       |
| CMYK        | 0.34, 0.00, 0.29, 0.24       |
| HSL         | 127°, 35%, 63%               |
| HSV         | 127°, 34%, 76%               |
| XYZ         | 32.8604, 45.0568, 30.6318    |
| YIQ         | 168.0670, -20.4430, -31.5070 |

# Conversions

## Conversions Part 2

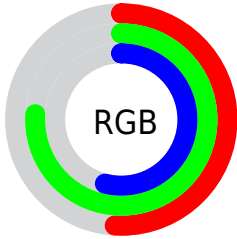
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">129, 187, 194</a>                    |
| Decimal                             | <a href="#">8503945</a>                          |
| CIELab                              | <a href="#">72.93, -32.39, 22.28</a>             |
| CIELCh                              | <a href="#">73, 39.312, 145.481</a>              |
| Yxy                                 | <a href="#">45.0568, 0.3027,<br/>0.4151</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286694025<br/>(0xFF81C289)</a>      |
| YUV                                 | <a href="#">168.0670, -15.3160,<br/>-34.2618</a> |
| Hunter-Lab                          | <a href="#">67.1244, -30.0839,<br/>19.9304</a>   |

# Details

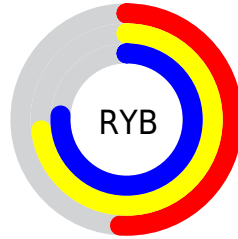
The Hex color **81C289** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C281BA**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B8FBBF**, and **4D8C57** is the 20% darker color. If you saturate the color by 10%, you get **6EC278**, and if you desaturate by 10%, it is **94C29A**.

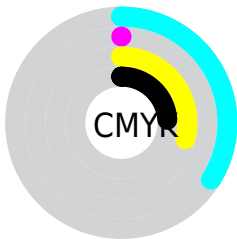
# Distribution



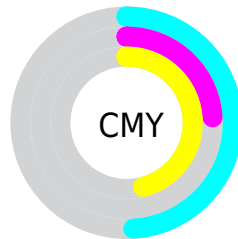
- Red (51%)
- Green (76%)
- Blue (54%)



- Red (51%)
- Yellow (73%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (29%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81C289 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 81C289 by changing the saturation by 10% instead.





81C289



81C289

FFFFFF



67A76F



B8FBBF



4D8C57



D4FFDB



33723F



F1FFF7



175928



004113



002A00



001200



000000



81C289



81C289

 6EC278

 94C29A

 5AC267

 A8C2AB

 47C256

 BBC2BC

 33C245

 CFC2CD

 20C234

 E2C2DE

 0DC223

 F5C2EF

 00C218

 FFC2FF

# Harmonies

## Analogous

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



ABBA71



81C289



51C6AC

# Triad

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



81C289



75B8FA



F99996

# Complementary

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



81C289



C281BA

# 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.



F497BA



81C289



AFACF4

# Square

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



81C289



32C1ED



DB9FDC



EBA279

# Rectangle

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



81C289



2CC6C5



DB9FDC



F997A2

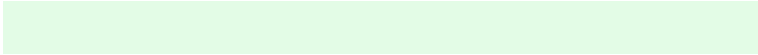


# Sweetspot

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



81C289



E3FCE6



BAC281



708072



000000



808080



# Same Dimension

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



81C289



97FCA4



81C2A9



576158



00A114



002104



# Inverse Universe

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



C281BA



FC97F0



C2819A



615760



A1008D



21001D



# Previews

## White Background



This preview shows how the Hex color 81C289 looks on a white background.

## Color Contrast Check

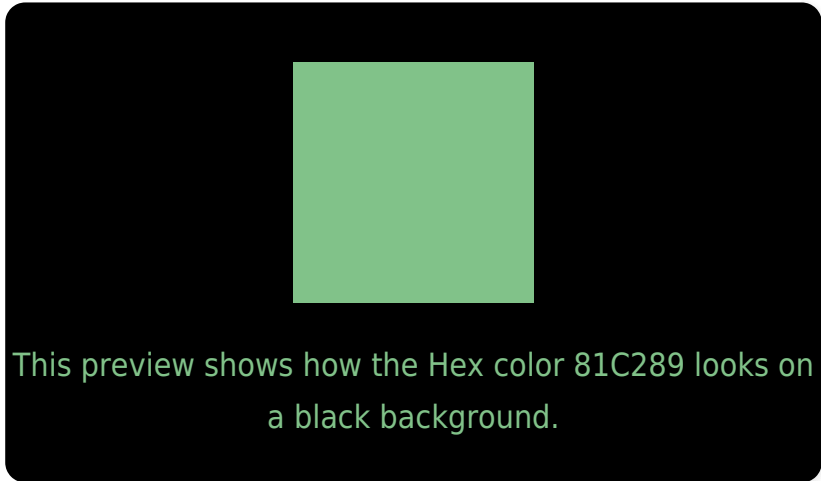
Large Text (above 18pt) WCAG AA × Fail

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

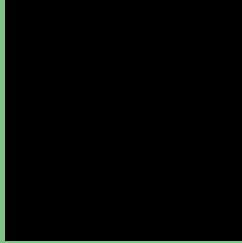
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81C289 Background



This preview shows how black text looks on a background with the Hex color 81C289.

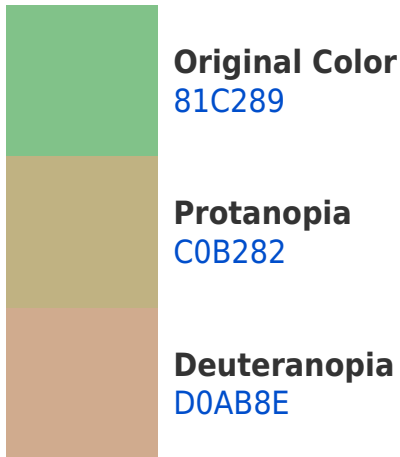


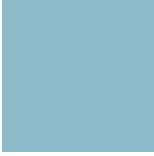
This preview shows how white text looks on a background with the Hex color 81C289.

# 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



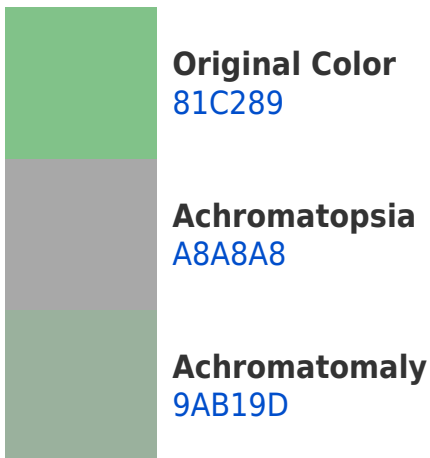


**Tritanopia**  
8DBAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81C289 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 #81C289 looks like.

```
.text, #text, p{  
    color:#81C289  
}
```

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 #81C289 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C289
}
```

## Border

The CSS property to change the border of an element to Hex 81C289 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
#81C289 }
```

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

```
.border{ border-color:#81C289 }
```

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

Here you see how a box with a 4 pixel #81C289 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C289; -webkit-box-shadow:4px 4px  
4px 4px #81C289; box-shadow:4px 4px 4px  
4px #81C289 }
```

# Background

The CSS property to change the background color of an element to Hex 81C289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C289 }
```

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

```
.background{ background-color:#81C289 }
```

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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