

Converting Colors

Hex(81C386)

Have a look what the booklet for
Hex(81C386) contains.

Hex(81C386)	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(81C386)

Conversions

Conversions Part 1

Format	Color
Hex	81C386
RGB	129, 195, 134
RGB Percent	51%, 76%, 53%
CMY	0.4941, 0.2353, 0.4745
CMYK	0.34, 0.00, 0.31, 0.24
HSL	125°, 35%, 64%
HSV	125°, 34%, 76%
XYZ	32.8714, 45.4186, 29.5884
YIQ	168.3120, -19.7550, -32.9630

Conversions

Conversions Part 2

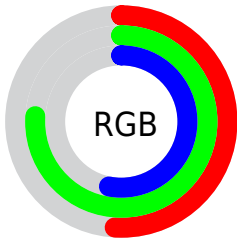
Format	Color
RYB	129, 190, 195
Decimal	8504198
CIELab	73.17, -33.37, 24.19
CIELCh	73, 41.220, 144.063
Yxy	45.4186, 0.3047, 0.4210
Android (android.graphics.Color)	4286694278 (0xFF81C386)
YUV	168.3120, -16.9158, -34.4766
Hunter-Lab	67.3933, -30.8739, 21.1446

Details

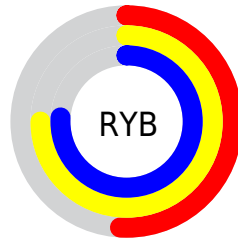
The Hex color **81C386** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C381BE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **B8FCBC**, and **4C8D54** is the 20% darker color. If you saturate the color by 10%, you get **6EC374**, and if you desaturate by 10%, it is **95C398**.

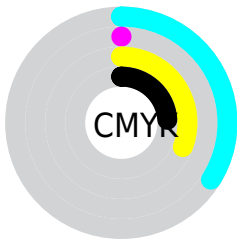
Distribution



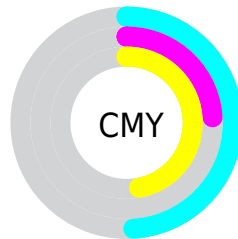
- Red (51%)
- Green (76%)
- Blue (53%)



- Red (51%)
- Yellow (75%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C386 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 81C386 by changing the saturation by 10% instead.



81C386



81C386

FFFFFF



66A86C



B8FCBC



4C8D54



D4FFD7



32733C



F1FFF4



165A25



00420F



002B00



001300



000000



81C386



81C386

 6EC374

 95C398

 5AC362

 A8C3AA

 47C350

 BBC3BC

 33C33E

 CFC3CE

 20C32C

 E3C3E0

 0CC31A

 F6C3F2

 00C30F

 FFC3FF

Harmonies

Analogous

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



ADEB6D



81C386



4CC7AB

Triad

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



81C386



6DBAFE



FD9897

Complementary

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



81C386



C381BE

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.



F797BD



81C386



ADADF8

Square

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



81C386



17C3F0



DC9FE0



EFA278

Rectangle

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



81C386



19C8C5



DC9FE0



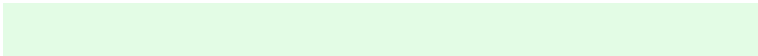
FD96A3

Sweetspot

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



81C386



E3FCE5



BFC381



708071



000000



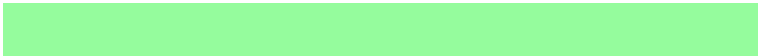
808080

Same Dimension

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



81C386



95FC9D



81C3A6



576158



00A10C



002103

Inverse Universe

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



C381BE



FC95F5



C3819E



615760



A10094



21001F

Previews

White Background



This preview shows how the Hex color 81C386 looks on a white background.

Color Contrast Check

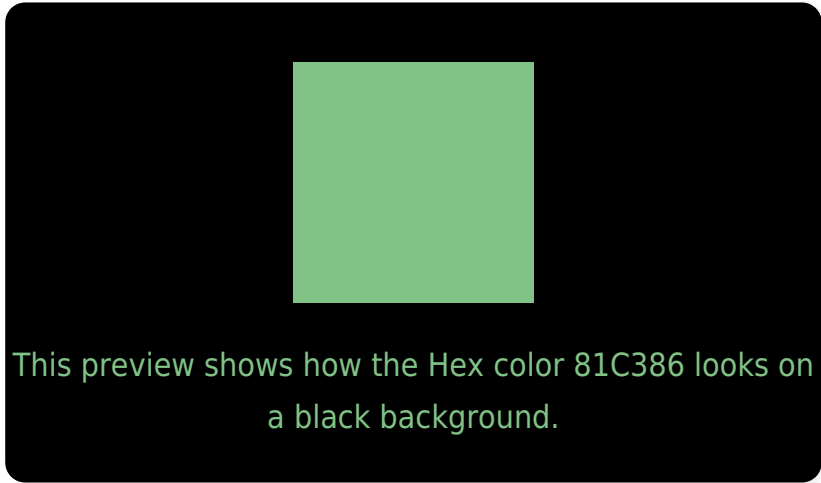
Large Text (above 18pt) WCAG AA × Fail

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

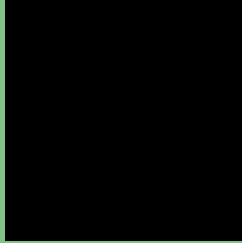
Any Text WCAG AA ✓ Pass

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 81C386 Background



This preview shows how black text looks on a background with the Hex color 81C386.

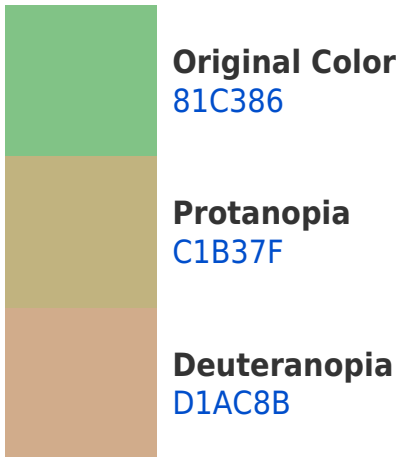


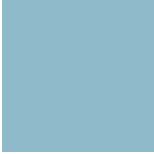
This preview shows how white text looks on a background with the Hex color 81C386.

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
8EBAC9

Trichromacy



Original Color
81C386



Protanomaly
AAB982



Deuteranomaly
B4B489



Tritanomaly
89BDB1

Monochromacy



Original Color
81C386



Achromatopsia
A8A8A8



Achromatomaly
9AB29C

CSS Examples

Text

The CSS property to change the color of the text to Hex 81C386 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 #81C386 looks like.

```
.text, #text, p{  
    color:#81C386  
}
```

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 #81C386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C386
}
```

Border

The CSS property to change the border of an element to Hex 81C386 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
#81C386 }
```

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

```
.border{ border-color:#81C386 }
```

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

Here you see how a box with a 4 pixel #81C386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C386; -webkit-box-shadow:4px 4px  
4px 4px #81C386; box-shadow:4px 4px 4px  
4px #81C386 }
```

Background

The CSS property to change the background color of an element to Hex 81C386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C386 }
```

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

```
.background{ background-color:#81C386 }
```

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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