

Converting Colors

Hex(7EB381)

Have a look what the booklet for
Hex(7EB381) contains.

Hex(7EB381)	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(7EB381)

Conversions

Conversions Part 1

Format	Color
Hex	7EB381
RGB	126, 179, 129
RGB Percent	49%, 70%, 51%
CMY	0.5059, 0.2980, 0.4941
CMYK	0.30, 0.00, 0.28, 0.30
HSL	123°, 26%, 60%
HSV	123°, 30%, 70%
XYZ	28.6867, 38.2608, 26.6420
YIQ	157.4530, -15.5380, -26.7860

Conversions

Conversions Part 2

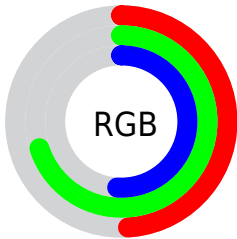
Format	Color
RYB	126, 176, 179
Decimal	8303489
CIELab	68.21, -27.59, 20.10
CIElCh	68, 34.139, 143.928
Yxy	38.2608, 0.3065, 0.4088
Android (android.graphics.Color)	4286493569 (0xFF7EB381)
YUV	157.4530, -14.0273, -27.5843
Hunter-Lab	61.8553, -25.4636, 17.7616

Details

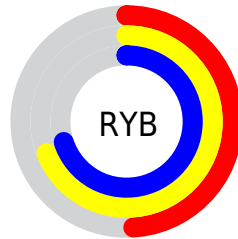
The Hex color **7EB381** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B37EB0**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B4EBB6**, and **4B7E4F** is the 20% darker color. If you saturate the color by 10%, you get **6CB370**, and if you desaturate by 10%, it is **90B392**.

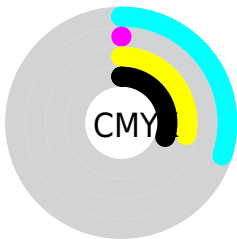
Distribution



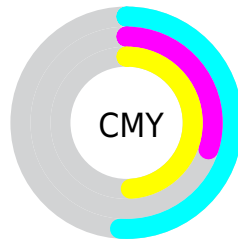
- Red (49%)
- Green (70%)
- Blue (51%)



- Red (49%)
- Yellow (69%)
- Blue (70%)



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



- Cyan (51%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB381 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 7EB381 by changing the saturation by 10% instead.

 7EB381

 7EB381

FFFFFF

 649868

 B4EBB6

 4B7E4F

 D0FFD2

 326538

 EDFFE0

 194C22

 00350C

 002100

 000000

 7EB381

 7EB381

 6CB370

 90B392

 5AB35F

 A2B3A3

 48B34E

 B4B3B4

 36B33D

 C6B3C5

 25B32D

 D8B3D5

 13B31C

 E9B3E6

 01B30B

 FBB3F7

 00B30A

 FFB3FF

Harmonies

Analogous

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



A2AC6D



7EB381



58B79F

Triad

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



7EB381



71ABE3



E3908F

Complementary

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



7EB381



B37EB0

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.



DE8FAE



7EB381



A1A1DF

Square

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



7EB381



42B3D7



C796CB



D89876

Rectangle

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



7EB381



40B7B4



C796CB



E38F99

Sweetspot

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



7EB381



D3E8D4



B0B37E



687569



F5F5F5



757575

Same Dimension

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



7EB381



95E899



7EB39B



505951



009909



001A01

Inverse Universe

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



B37EB0



E895E3



B37E96



595059



990090



1A0018

Previews

White Background



This preview shows how the Hex color 7EB381 looks on a white background.

Color Contrast Check

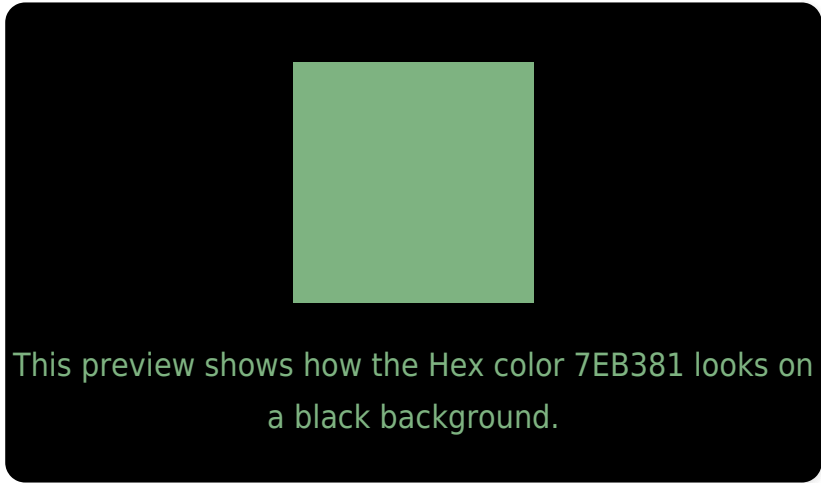
Large Text (above 18pt) WCAG AA × Fail

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

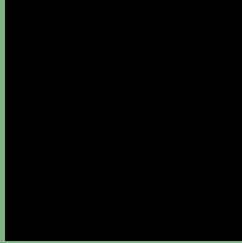
Any Text WCAG AA ✓ Pass

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 7EB381 Background



This preview shows how black text looks on a background with the Hex color 7EB381.

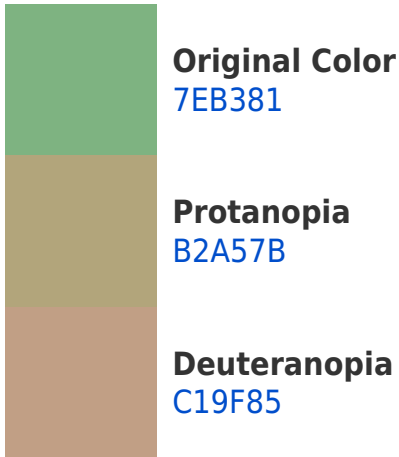


This preview shows how white text looks on a background with the Hex color 7EB381.

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
88ACB9

Trichromacy



Original Color
7EB381

Protanomaly
9FAA7D

Deuteranomaly
A9A684

Tritanomaly
84AFA5

Monochromacy



Original Color
7EB381

Achromatopsia
9D9D9D

Achromatomaly
92A593

CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB381 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 #7EB381 looks like.

```
.text, #text, p{  
    color:#7EB381  
}
```

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 #7EB381 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB381
}
```

Border

The CSS property to change the border of an element to Hex 7EB381 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
#7EB381 }
```

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

```
.border{ border-color:#7EB381 }
```

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

Here you see how a box with a 4 pixel #7EB381 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB381; -webkit-box-shadow:4px 4px  
4px 4px #7EB381; box-shadow:4px 4px 4px  
4px #7EB381 }
```

Background

The CSS property to change the background color of an element to Hex 7EB381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB381 }
```

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

```
.background{ background-color:#7EB381 }
```

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