

Converting Colors

Hex(77AE81)

Have a look what the booklet for
Hex(77AE81) contains.

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Color

Hex(77AE81)

Conversions

Conversions Part 1

Format	Color
Hex	77AE81
RGB	119, 174, 129
RGB Percent	47%, 68%, 51%
CMY	0.5333, 0.3176, 0.4941
CMYK	0.32, 0.00, 0.26, 0.32
HSL	131°, 25%, 57%
HSV	131°, 32%, 68%
XYZ	26.7062, 35.7790, 26.2674
YIQ	152.4250, -18.3350, -25.6550

Conversions

Conversions Part 2

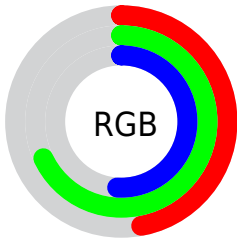
Format	Color
RYB	119, 166, 174
Decimal	7843457
CIELab	66.35, -27.47, 17.48
CIELCh	66, 32.562, 147.532
Yxy	35.7790, 0.3009, 0.4031
Android (android.graphics.Color)	4286033537 (0xFF77AE81)
YUV	152.4250, -11.5485, -29.3137
Hunter-Lab	59.8156, -24.9812, 15.8343

Details

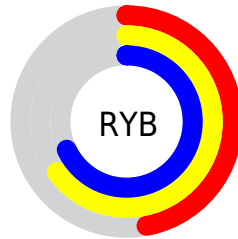
The Hex color **77AE81** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AE77A4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ADE6B6**, and **447950** is the 20% darker color. If you saturate the color by 10%, you get **66AE73**, and if you desaturate by 10%, it is **88AE8F**.

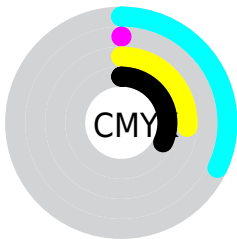
Distribution



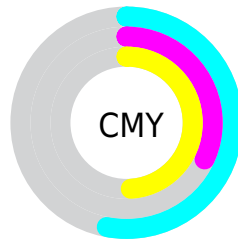
- Red (47%)
- Green (68%)
- Blue (51%)



- Red (47%)
- Yellow (65%)
- Blue (68%)



- Cyan (32%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AE81 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 77AE81 by changing the saturation by 10% instead.

 77AE81

 77AE81

FFFFFF

 5D9368

 ADE6B6

 447950

 C8FFD2

 2B6038

 E5FFEE

 114822

 00310D

 001E00

 000000

 77AE81

 77AE81

 66AE73

 88AE8F

 54AE65

 9AAE9D

 43AE56

 ABAEAC

 31AE48

 BDAEBA

 20AE3A

 CEAE C8

 0FAE2C

 DFAED6

 00AE20

 F1AEE5

 FFAEF3

 FFAEFF

Harmonies

Analogous

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



99A86D



77AE81



53B19E

Triad

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



77AE81



75A5DB



DA8D88

Complementary

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



77AE81



AE77A4

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.



D88BA5



77AE81



A29BD5

Square

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



77AE81



49ADD2



C491C1



CF9571

Rectangle

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



77AE81



3FB1B2



C491C1



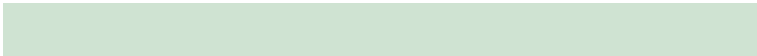
DB8C91

Sweetspot

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



77AE81



CFE3D2



A5AE77



667368



F2F2F2



737373

Same Dimension

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



77AE81



8DE39C



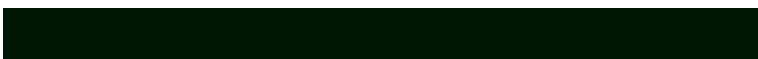
77AE9C



4E5750



00961B



001704

Inverse Universe

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



AE77A4



E38DD3



AE7789



574E55



96007B



170013

Previews

White Background



This preview shows how the Hex color 77AE81 looks on a white background.

Color Contrast Check

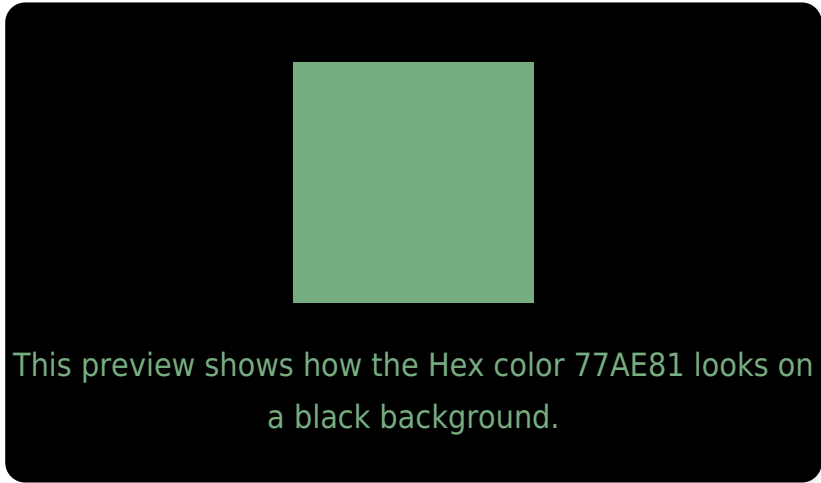
Large Text (above 18pt) WCAG AA × Fail

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

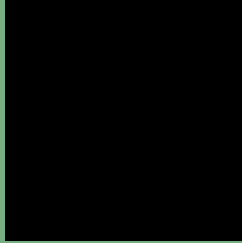
Any Text WCAG AA ✓ Pass

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 77AE81 Background



This preview shows how black text looks on a background with the Hex color 77AE81.

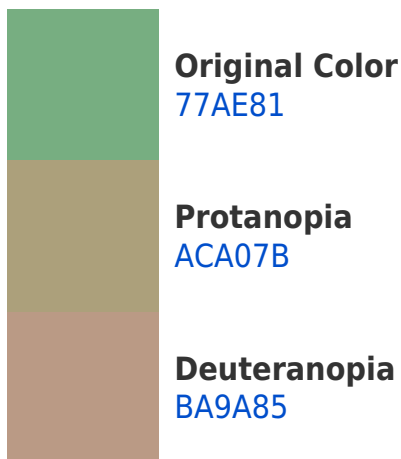


This preview shows how white text looks on a background with the Hex color 77AE81.

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](#).

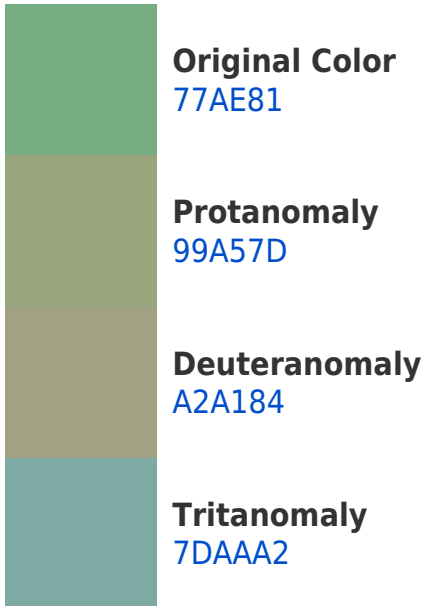
Dichromacy



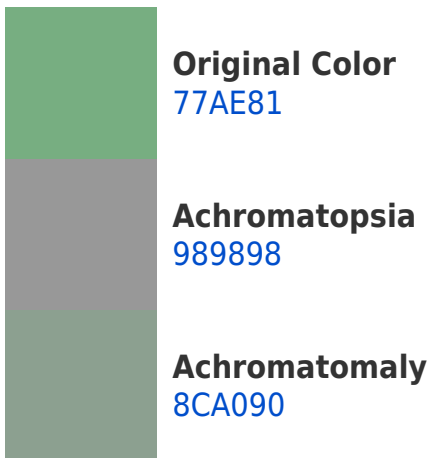


Tritanopia
81A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AE81 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 #77AE81 looks like.

```
.text, #text, p{  
    color:#77AE81  
}
```

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 #77AE81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AE81
}
```

Border

The CSS property to change the border of an element to Hex 77AE81 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
#77AE81 }
```

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

```
.border{ border-color:#77AE81 }
```

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

Here you see how a box with a 4 pixel #77AE81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AE81; -webkit-box-shadow:4px 4px  
4px 4px #77AE81; box-shadow:4px 4px 4px  
4px #77AE81 }
```

Background

The CSS property to change the background color of an element to Hex 77AE81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AE81 }
```

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

```
.background{ background-color:#77AE81 }
```

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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