

Converting Colors

Hex(77AD8E)

Have a look what the booklet for
Hex(77AD8E) contains.

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Color

Hex(77AD8E)

Conversions

Conversions Part 1

Format	Color
Hex	77AD8E
RGB	119, 173, 142
RGB Percent	47%, 68%, 56%
CMY	0.5333, 0.3216, 0.4431
CMYK	0.31, 0.00, 0.18, 0.32
HSL	146°, 25%, 57%
HSV	146°, 31%, 68%
XYZ	27.4338, 35.7621, 31.0480
YIQ	153.3200, -22.2330, -21.0890

Conversions

Conversions Part 2

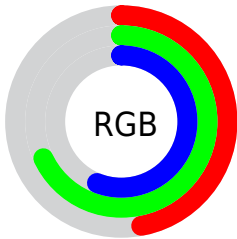
Format	Color
RYB	119, 157, 173
Decimal	7843214
CIELab	66.34, -24.47, 10.32
CIELCh	66, 26.557, 157.129
Yxy	35.7621, 0.2911, 0.3795
Android (android.graphics.Color)	4286033294 (0xFF77AD8E)
YUV	153.3200, -5.5808, -30.0986
Hunter-Lab	59.8014, -22.7658, 11.0784

Details

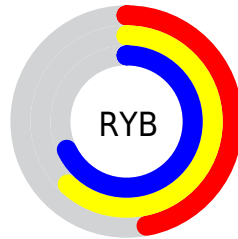
The Hex color **77AD8E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD7796**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ADE5C4**, and **44785C** is the 20% darker color. If you saturate the color by 10%, you get **66AD84**, and if you desaturate by 10%, it is **88AD98**.

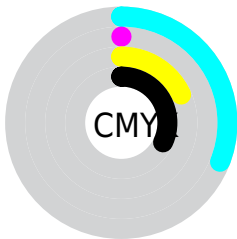
Distribution



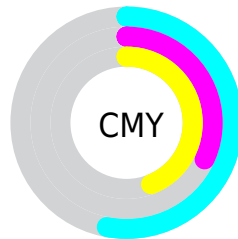
- Red (47%)
- Green (68%)
- Blue (56%)



- Red (47%)
- Yellow (62%)
- Blue (68%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (32%)



- Cyan (53%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77AD8E 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 77AD8E by changing the saturation by 10% instead.

 77AD8E

 77AD8E

FFFFFF

 5D9274


 ADE5C4

 44785C

 C8FFE0

 2B5F44

 E5FFFC

 11472E

 003019

 001D00

 000000

 77AD8E

 77AD8E

 66AD84

 88AD98

 54AD7A

 9AADA2

 43AD70

 ABADAC

 32AD66

 BCADB6

 20AD5C

 CEADC0

 0FAD52

 DFADCA

 00AD4A

 F0ADD4

 FFADDD

 FFADE7

Harmonies

Analogous

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



92A87B



77AD8E



60AFA6

Triad

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



77AD8E



8BA2D0



CF9386

Complementary

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



77AD8E



AD7796

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.



D1909C



77AD8E



AC99C7

Square

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



77AD8E



6BA9CD



C592B4



C29A76

Rectangle

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



77AD8E



58AEB6



C592B4



D1918D

Sweetspot

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



77AD8E



CCE0D5



97AD77



647069



F0F0F0



707070

Same Dimension

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



77AD8E



8DE0B1



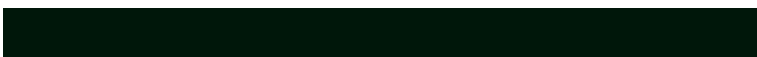
77ADA9



4E5752



009640



00170A

Inverse Universe

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



AD7796



E08DBD



AD777C



574E53



960056



17000D

Previews

White Background



This preview shows how the Hex color 77AD8E looks on a white background.

Color Contrast Check

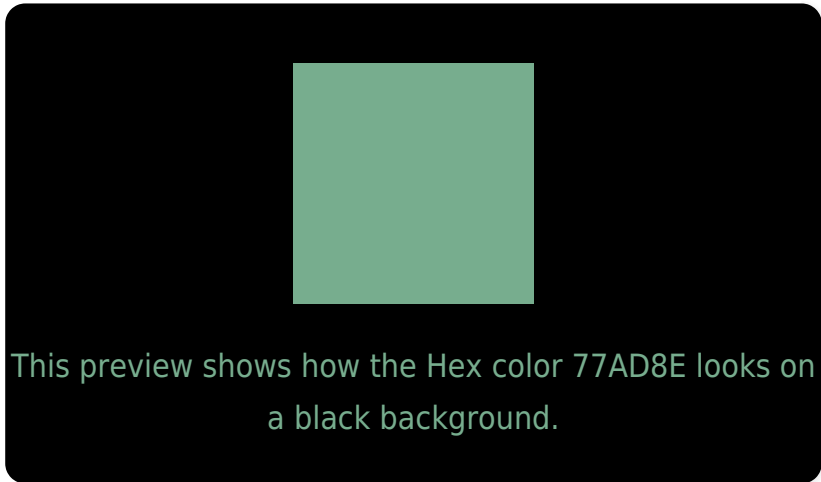
Large Text (above 18pt) WCAG AA × Fail

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

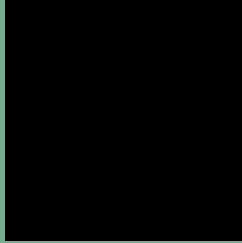
Any Text WCAG AA ✓ Pass

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 77AD8E Background



This preview shows how black text looks on a background with the Hex color 77AD8E.

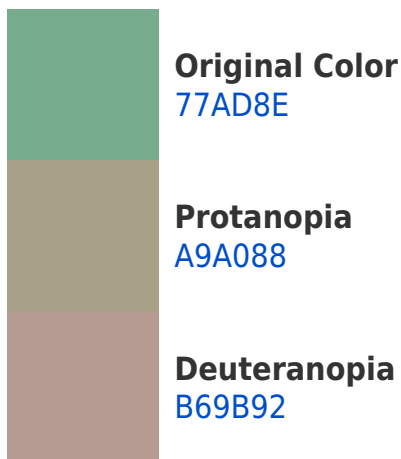


This preview shows how white text looks on a background with the Hex color 77AD8E.

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](#).

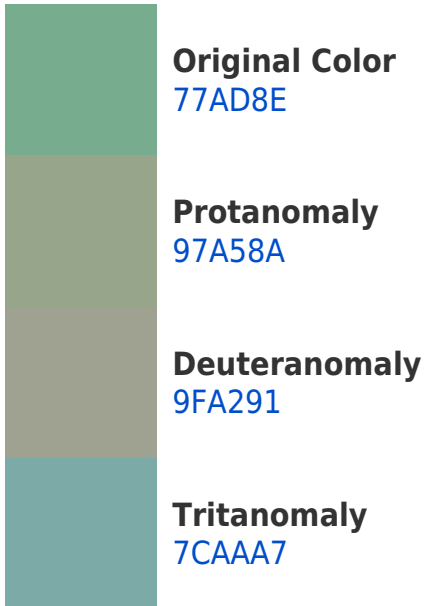
Dichromacy



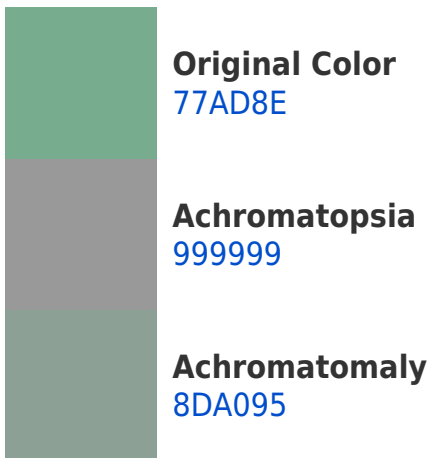


Tritanopia
7FA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77AD8E 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 #77AD8E looks like.

```
.text, #text, p{  
    color:#77AD8E  
}
```

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 #77AD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77AD8E
}
```

Border

The CSS property to change the border of an element to Hex 77AD8E 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
#77AD8E }
```

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

```
.border{ border-color:#77AD8E }
```

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

Here you see how a box with a 4 pixel #77AD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77AD8E; -webkit-box-shadow:4px 4px  
4px 4px #77AD8E; box-shadow:4px 4px 4px  
4px #77AD8E }
```

Background

The CSS property to change the background color of an element to Hex 77AD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77AD8E }
```

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

```
.background{ background-color:#77AD8E }
```

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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