

# Converting Colors

Hex(77D6AE)

Have a look what the booklet for  
Hex(77D6AE) contains.

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**Color**

**Hex(77D6AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77D6AE
RGB	119, 214, 174
RGB Percent	47%, 84%, 68%
CMY	0.5333, 0.1608, 0.3176
CMYK	0.44, 0.00, 0.19, 0.16
HSL	155°, 54%, 65%
HSV	155°, 44%, 84%
XYZ	39.2943, 55.0711, 48.6032
YIQ	181.0350, -43.7800, -32.5800

# Conversions

## Conversions Part 2

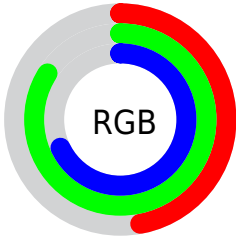
Format	Color
<a href="#">RYB</a>	<a href="#">119, 179, 214</a>
Decimal	<a href="#">7853742</a>
CIELab	<a href="#">79.08, -37.36, 11.09</a>
CIELCh	<a href="#">79, 38.969, 163.474</a>
Yxy	<a href="#">55.0711, 0.2748, 0.3852</a>
Android (android.graphics.Color)	<a href="#">4286043822 (0xFF77D6AE)</a>
YUV	<a href="#">181.0350, -3.4683, -54.4047</a>
Hunter-Lab	<a href="#">74.2099, -35.3511, 13.1154</a>

# Details

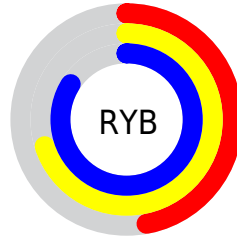
The Hex color **77D6AE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D6779F**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **AFFFE6**, and **3E9F7A** is the 20% darker color. If you saturate the color by 10%, you get **62D6A5**, and if you desaturate by 10%, it is **8CD6B7**.

# Distribution



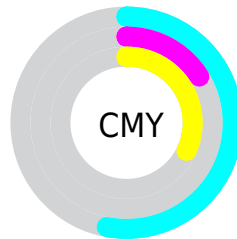
- Red (47%)
- Green (84%)
- Blue (68%)



- Red (47%)
- Yellow (70%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77D6AE 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 77D6AE by changing the saturation by 10% instead.



 77D6AE

 77D6AE

FFFFFF

 5BBA93

 AFFFE6

 3E9F7A

 CCFFFF

 1E8461

 E9FFFF

 006A49

 005132

 003A1D

 002504

 000000

 77D6AE

 77D6AE

 62D6A5

 8CD6B7

 4CD69C

 A2D6C0

 37D693

 B7D6C9

 21D68A

 CDD6D2

 0CD681

 E2D6DB

 00D67C

 F7D6E4

 FFD6ED

 FFD6F6

 FFD6FF

# Harmonies

## Analogous

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



A3D08E



77D6AE



4BD8D3

# Triad

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



77D6AE



ABC2FF



FFAF94

# Complementary

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



77D6AE



D6779F

# 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.



FFA8B5



77D6AE



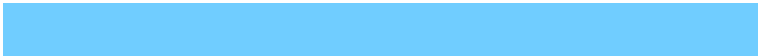
DDB5F9

# Square

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



77D6AE



70CDFE



FEAAD9



EEBB7F

# Rectangle

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



77D6AE



3CD6EB



FEAAD9



FFAC9E

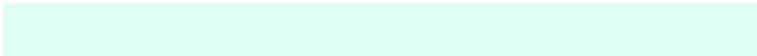


# Sweetspot

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



77D6AE



DEFFF1



A0D677



6B8077



000000



808080



# Same Dimension

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



77D6AE



78FFC6



77D0D6



606B67



00AB63



002B19



# Inverse Universe

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



D6779F



FF78B1



D67D77



6B6065



AB0048



2B0012



# Previews

## White Background



This preview shows how the Hex color 77D6AE looks on a white background.

## Color Contrast Check

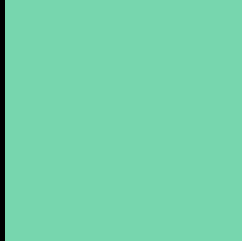
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 77D6AE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

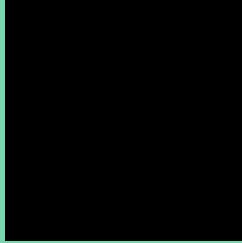
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

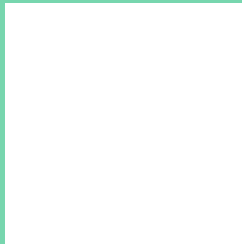
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 77D6AE Background



This preview shows how black text looks on a background with the Hex color 77D6AE.

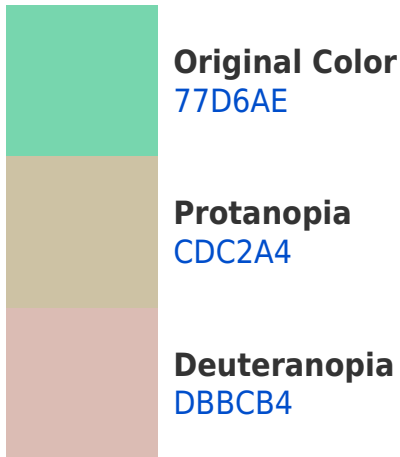


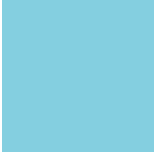
This preview shows how white text looks on a background with the Hex color 77D6AE.

# 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](#).

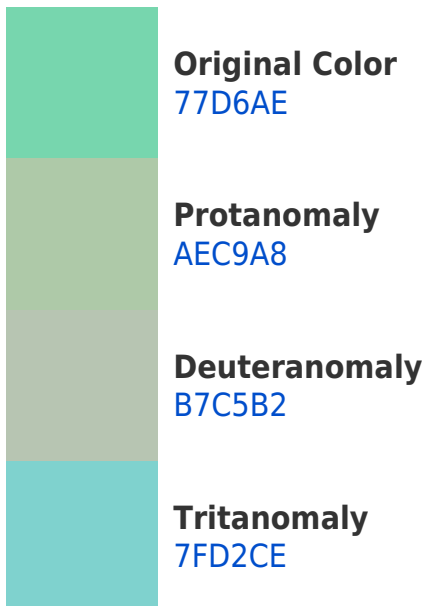
## Dichromacy



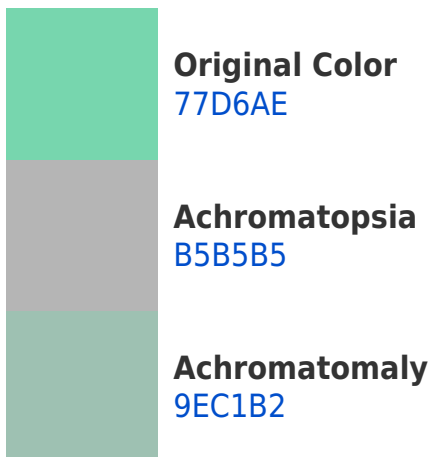


**Tritanopia**  
84CFE0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77D6AE 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 #77D6AE looks like.

```
.text, #text, p{  
    color:#77D6AE  
}
```

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 #77D6AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D6AE
}
```

## Border

The CSS property to change the border of an element to Hex 77D6AE 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
#77D6AE }
```

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

```
.border{ border-color:#77D6AE }
```

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

Here you see how a box with a 4 pixel #77D6AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D6AE; -webkit-box-shadow:4px 4px  
4px 4px #77D6AE; box-shadow:4px 4px 4px  
4px #77D6AE }
```

# Background

The CSS property to change the background color of an element to Hex 77D6AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D6AE }
```

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

```
.background{ background-color:#77D6AE }
```

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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