

# Converting Colors

Hex(77A37E)

Have a look what the booklet for  
Hex(77A37E) contains.

<b>Hex(77A37E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(77A37E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77A37E
RGB	119, 163, 126
RGB Percent	47%, 64%, 49%
CMY	0.5333, 0.3608, 0.5059
CMYK	0.27, 0.00, 0.23, 0.36
HSL	130°, 19%, 55%
HSV	130°, 27%, 64%
XYZ	24.4708, 31.6227, 24.5527
YIQ	145.6260, -14.3470, -20.8350

# Conversions

## Conversions Part 2

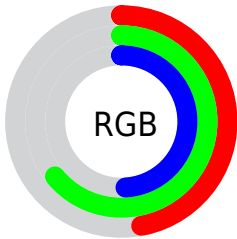
Format	Color
<a href="#">RYB</a>	<a href="#">119, 157, 163</a>
Decimal	<a href="#">7840638</a>
CIELab	<a href="#">63.03, -22.56, 14.52</a>
CIElCh	<a href="#">63, 26.834, 147.229</a>
Yxy	<a href="#">31.6227, 0.3034, 0.3921</a>
Android (android.graphics.Color)	<a href="#">4286030718 (0xFF77A37E)</a>
YUV	<a href="#">145.6260, -9.6756, -23.3510</a>
Hunter-Lab	<a href="#">56.2340, -20.7334, 13.4769</a>

# Details

The Hex color **77A37E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A3779C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACDAB3**, and **456F4D** is the 20% darker color. If you saturate the color by 10%, you get **67A370**, and if you desaturate by 10%, it is **87A38C**.

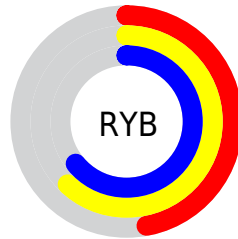
# Distribution



Red (47%)

Green (64%)

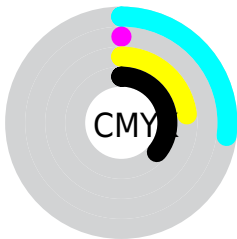
Blue (49%)



Red (47%)

Yellow (62%)

Blue (64%)

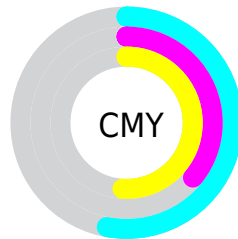


Cyan (27%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77A37E 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 77A37E by changing the saturation by 10% instead.





77A37E



77A37E

FFFFFF



5E8965



ACDAB3



456F4D



C8F7CE



2D5636



E4FFEB



153F20



00280A



001300



000000



77A37E



77A37E



67A370



87A38C

 56A363

 98A399

 46A355

 A8A3A7

 36A347

 B8A3B5

 26A339

 C9A3C3

 15A32C

 D9A3D0

 05A31E

 E9A3DE

 00A31A

 F9A3EC

 FFA3F9

# Harmonies

## Analogous

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



939E6E



77A37E



5DA695

# Triad

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



77A37E



769BC8



C88884

# Complementary

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



77A37E



A3779C

# 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.



C5879C



77A37E



9993C3

# Square

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



77A37E



58A2C0



B58BB3



BF8E71

# Rectangle

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



77A37E



50A6A6



B58BB3



C9878B



# Sweetspot

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



77A37E



C3D4C5



9CA377



606B62



EBEBEB



6B6B6B



# Same Dimension

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



77A37E



90D49B



77A394



49524B



009117



001203



# Inverse Universe

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



A3779C



D490C9



A37786



524950



91007A



12000F



# Previews

## White Background



This preview shows how the Hex color 77A37E looks on a white background.

## Color Contrast Check

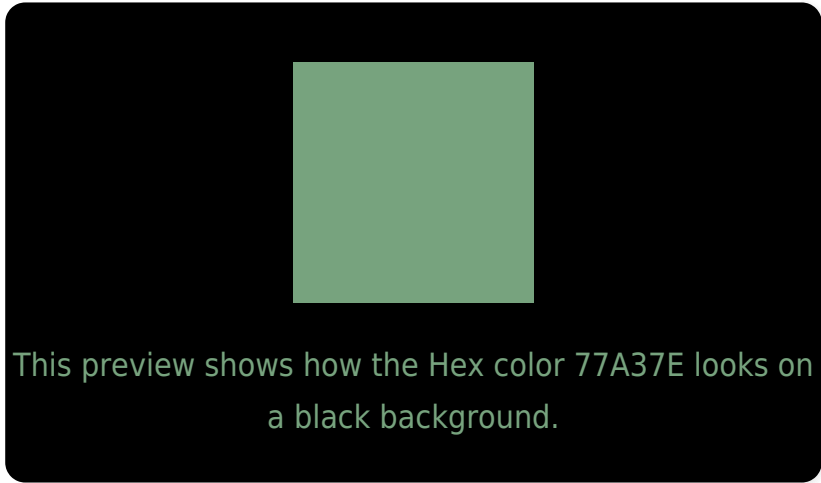
Large Text (above 18pt) WCAG AA × Fail

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

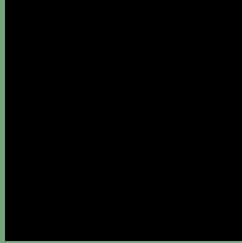
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77A37E Background



This preview shows how black text looks on a background with the Hex color 77A37E.



This preview shows how white text looks on a background with the Hex color 77A37E.

# 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



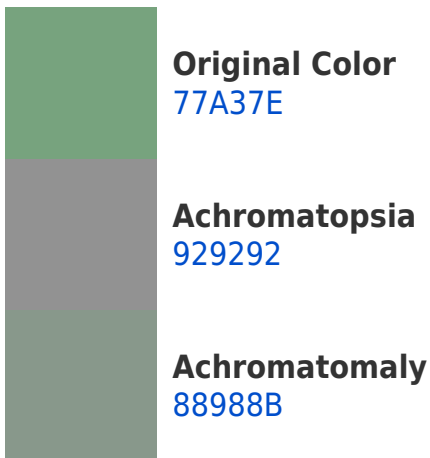


**Tritanopia**  
7F9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77A37E 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 #77A37E looks like.

```
.text, #text, p{  
    color:#77A37E  
}
```

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 #77A37E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A37E
}
```

## Border

The CSS property to change the border of an element to Hex 77A37E 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
#77A37E }
```

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

```
.border{ border-color:#77A37E }
```

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

Here you see how a box with a 4 pixel #77A37E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A37E; -webkit-box-shadow:4px 4px  
4px 4px #77A37E; box-shadow:4px 4px 4px  
4px #77A37E }
```

# Background

The CSS property to change the background color of an element to Hex 77A37E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A37E }
```

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

```
.background{ background-color:#77A37E }
```

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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