

# Converting Colors

Hex(77C397)

Have a look what the booklet for  
Hex(77C397) contains.

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**Color**

**Hex(77C397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77C397
RGB	119, 195, 151
RGB Percent	47%, 76%, 59%
CMY	0.5333, 0.2353, 0.4078
CMYK	0.39, 0.00, 0.23, 0.24
HSL	145°, 39%, 62%
HSV	145°, 39%, 76%
XYZ	32.7088, 45.1865, 36.2761
YIQ	167.2600, -31.1720, -29.7960

# Conversions

## Conversions Part 2

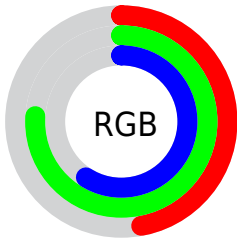
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 172, 195
Decimal	7848855
CIELab	73.01, -33.30, 14.82
CIElCh	73, 36.449, 156.002
Yxy	45.1865, 0.2865, 0.3958
Android (android.graphics.Color)	4286038935 (0xFF77C397)
YUV	167.2600, -8.0162, -42.3240
Hunter-Lab	67.2209, -30.7810, 15.0585

# Details

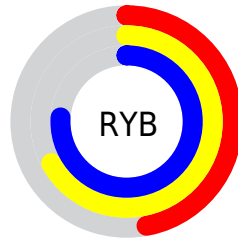
The Hex color **77C397** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C377A3**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AEFCCD**, and **428D64** is the 20% darker color. If you saturate the color by 10%, you get **63C38C**, and if you desaturate by 10%, it is **8BC3A2**.

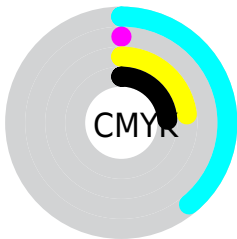
# Distribution



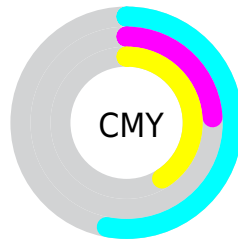
- Red (47%)
- Green (76%)
- Blue (59%)



- Red (47%)
- Yellow (67%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77C397 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 77C397 by changing the saturation by 10% instead.



 77C397

 77C397

FFFFFF

 5CA87D

 AEFCCD

 428D64

 CAFFEA

 26734C

 E7FFFF

 005A35

 00421F

 002B09

 001200

 000000

 77C397

 77C397

 63C38C

 8BC3A2

 50C380

 9EC3AE

 3DC375

 B2C3B9

 29C36A

 C5C3C4

 15C35F

 D9C3CF

 02C353

 ECC3DB

 00C352

 FFC3E6

 FFC3F1

 FFC3FD

# Harmonies

## Analogous

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



9FBD7C



77C397



4DC5B9

# Triad

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



77C397



8FB4F5



F29E8E

# Complementary

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



77C397



C377A3

# 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.



F49AAE



77C397



C0A8E9

# Square

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



77C397



59BEEF



E39ECF



E0A877

# Rectangle

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



77C397



38C5CF



E39ECF



F49C98

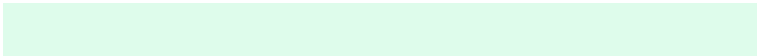


# Sweetspot

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



77C397



DEFCEB



A3C377



6E8075



000000



808080



# Same Dimension

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



77C397



86FCB8



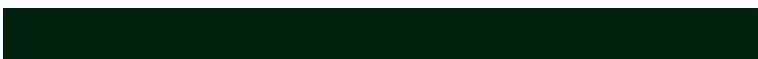
77C3BD



57615B



00A144



00210E



# Inverse Universe

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



C377A3



FC86CA



C3777D



61575D



A1005D



210013



# Previews

## White Background



This preview shows how the Hex color 77C397 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 77C397 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

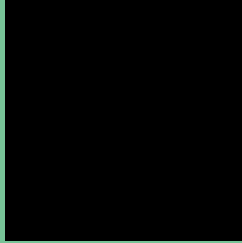
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77C397 Background



This preview shows how black text looks on a background with the Hex color 77C397.

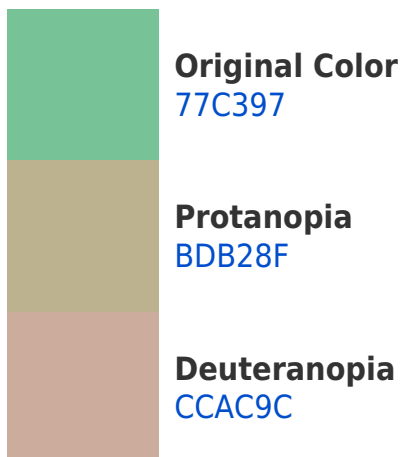


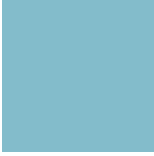
This preview shows how white text looks on a background with the Hex color 77C397.

# 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**  
83BCCB

# Trichromacy



**Original Color**  
77C397



**Protanomaly**  
A4B892



**Deuteranomaly**  
ADB49A



**Tritanomaly**  
7FBFB8

# Monochromacy



**Original Color**  
77C397



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
96B1A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77C397 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 #77C397 looks like.

```
.text, #text, p{  
    color:#77C397  
}
```

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 #77C397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C397
}
```

## Border

The CSS property to change the border of an element to Hex 77C397 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
#77C397 }
```

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

```
.border{ border-color:#77C397 }
```

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

Here you see how a box with a 4 pixel #77C397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C397; -webkit-box-shadow:4px 4px  
4px 4px #77C397; box-shadow:4px 4px 4px  
4px #77C397 }
```

# Background

The CSS property to change the background color of an element to Hex 77C397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C397 }
```

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

```
.background{ background-color:#77C397 }
```

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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