

Converting Colors

Hex(77C889)

Have a look what the booklet for
Hex(77C889) contains.

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Color

Hex(77C889)

Conversions

Conversions Part 1

Format	Color
Hex	77C889
RGB	119, 200, 137
RGB Percent	47%, 78%, 54%
CMY	0.5333, 0.2157, 0.4627
CMYK	0.40, 0.00, 0.32, 0.22
HSL	133°, 42%, 63%
HSV	133°, 40%, 78%
XYZ	32.7774, 47.0366, 31.0183
YIQ	168.5990, -28.0530, -36.7650

Conversions

Conversions Part 2

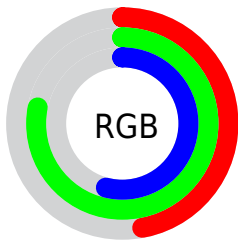
Format	Color
RYB	119, 185, 200
Decimal	7850121
CIELab	74.21, -38.22, 23.94
CIELCh	74, 45.100, 147.936
Yxy	47.0366, 0.2957, 0.4244
Android (android.graphics.Color)	4286040201 (0xFF77C889)
YUV	168.5990, -15.5783, -43.4983
Hunter-Lab	68.5833, -34.7118, 21.1930

Details

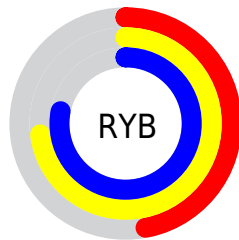
The Hex color **77C889** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C877B6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEFFBF**, and **419157** is the 20% darker color. If you saturate the color by 10%, you get **63C879**, and if you desaturate by 10%, it is **8BC899**.

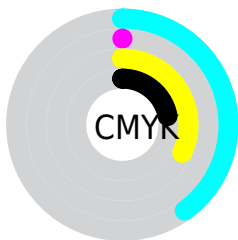
Distribution



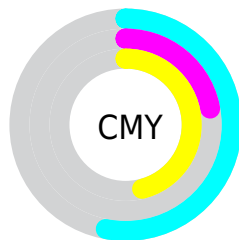
- Red (47%)
- Green (78%)
- Blue (54%)



- Red (47%)
- Yellow (73%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (53%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C889 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 77C889 by changing the saturation by 10% instead.

 77C889

 77C889

FFFFFF

 5CAC6F

 AEFFBF

 419157

 CBFFDB

 24773F

 E8FFF7

 005E28

 004612

 002E00

 001700

 000000

 77C889

 77C889

 63C879

 8BC899

 4FC86A

 9FC8A8

 3BC85A

 B3C8B8

 27C84B

 C7C8C7

 13C83B

 DBC8D7

 00C82C

 EFC8E6

 FFC8F6

 FFC8FF

Harmonies

Analogous

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



A9C06B



77C889



31CCB2

Triad

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



77C889



6FBCFF



FF9892

Complementary

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



77C889



C877B6

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.



FF95BB



77C889



B6ADFF

Square

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



77C889



00C6FC



E89EE3



F4A471

Rectangle

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



77C889



00CCCF



E89EE3



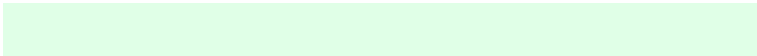
FF969F

Sweetspot

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



77C889



E0FFE7



B6C877



6E8072



000000



808080

Same Dimension

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



77C889



82FF9E



77C8B1



5A635C



00A324



002408

Inverse Universe

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



C877B6



FF82E3



C8778E



635A61



A3007F



24001C

Previews

White Background



This preview shows how the Hex color 77C889 looks on a white background.

Color Contrast Check

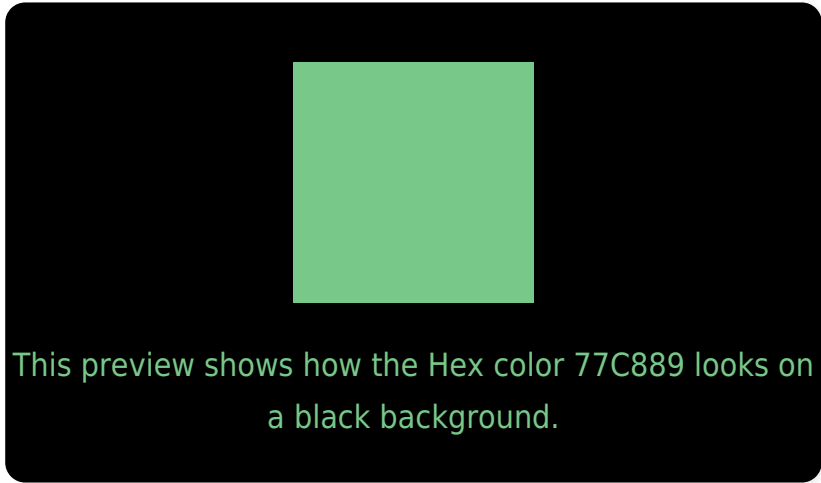
Large Text (above 18pt) WCAG AA × Fail

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 77C889 Background



This preview shows how black text looks on a background with the Hex color 77C889.

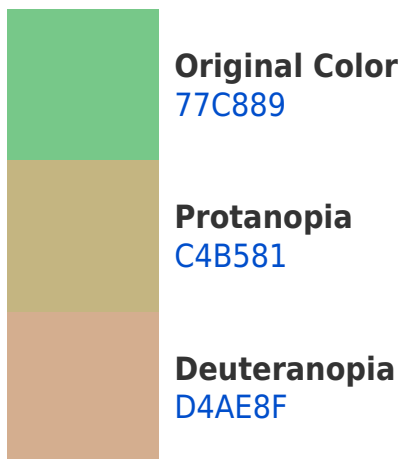


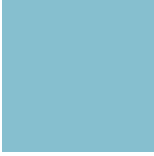
This preview shows how white text looks on a background with the Hex color 77C889.

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
86BFCF

Trichromacy



Original Color

77C889



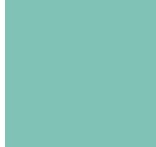
Protanomaly

A8BC84



Deuteranomaly

B2B78D



Tritanomaly

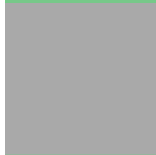
81C2B6

Monochromacy



Original Color

77C889



Achromatopsia

A9A9A9



Achromatomaly

97B49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77C889 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 #77C889 looks like.

```
.text, #text, p{  
    color:#77C889  
}
```

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 #77C889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C889
}
```

Border

The CSS property to change the border of an element to Hex 77C889 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
#77C889 }
```

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

```
.border{ border-color:#77C889 }
```

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

Here you see how a box with a 4 pixel #77C889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C889; -webkit-box-shadow:4px 4px  
4px 4px #77C889; box-shadow:4px 4px 4px  
4px #77C889 }
```

Background

The CSS property to change the background color of an element to Hex 77C889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C889 }
```

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

```
.background{ background-color:#77C889 }
```

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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