

Converting Colors

Hex(76C889)

Have a look what the booklet for
Hex(76C889) contains.

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Color

Hex(76C889)

Conversions

Conversions Part 1

Format	Color
Hex	76C889
RGB	118, 200, 137
RGB Percent	46%, 78%, 54%
CMY	0.5373, 0.2157, 0.4627
CMYK	0.41, 0.00, 0.32, 0.22
HSL	134°, 43%, 62%
HSV	134°, 41%, 78%
XYZ	32.6408, 46.9662, 31.0120
YIQ	168.3000, -28.6490, -36.9770

Conversions

Conversions Part 2

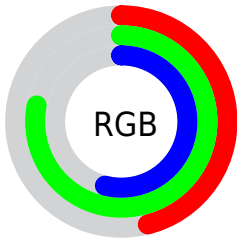
Format	Color
RYB	118, 185, 200
Decimal	7784585
CIELab	74.17, -38.51, 23.87
CIElCh	74, 45.313, 148.207
Yxy	46.9662, 0.2951, 0.4246
Android (android.graphics.Color)	4285974665 (0xFF76C889)
YUV	168.3000, -15.4309, -44.1131
Hunter-Lab	68.5319, -34.9137, 21.1425

Details

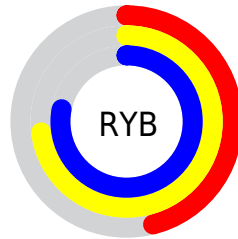
The Hex color **76C889** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C876B5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ADFFBF**, and **409157** is the 20% darker color. If you saturate the color by 10%, you get **62C87A**, and if you desaturate by 10%, it is **8AC898**.

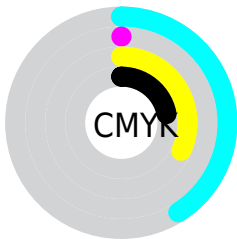
Distribution



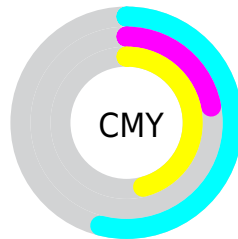
- Red (46%)
- Green (78%)
- Blue (54%)



- Red (46%)
- Yellow (73%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C889 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 76C889 by changing the saturation by 10% instead.

 76C889

 76C889

FFFFFF

 5BAC6F

 ADFFBF

 409157

 CAFFDB

 22773F


 E7FFF7

 005E28

 004612

 002E00

 001700

 000000

 76C889

 76C889

 62C87A

 8AC898

 4EC86A

 9EC8A8

 3AC85B

 B2C8B7

 26C84C

 C6C8C6

 12C83C

 DAC8D6

 00C82E

 EEC8E5

 FFC8F5

 FFC8FF

Harmonies

Analogous

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



A8C06B



76C889



2ECCB2

Triad

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



76C889



6FBFF



FF9891

Complementary

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



76C889



C876B5

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



76C889



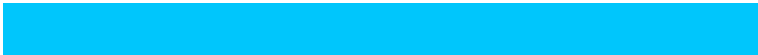
B7ACFF

Square

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



76C889



00C6FC



E89DE3



F3A471

Rectangle

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



76C889



00CCCF



E89DE3



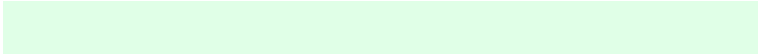
FF969E

Sweetspot

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



76C889



E0FFE7



B6C876



6E8072



000000



808080

Same Dimension

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



76C889



82FF9F



76C8B1



5A635C



00A326



002408

Inverse Universe

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



C876B5



FF82E2



C8768D



635A61



A3007D



24001B

Previews

White Background



This preview shows how the Hex color 76C889 looks on a white background.

Color Contrast Check

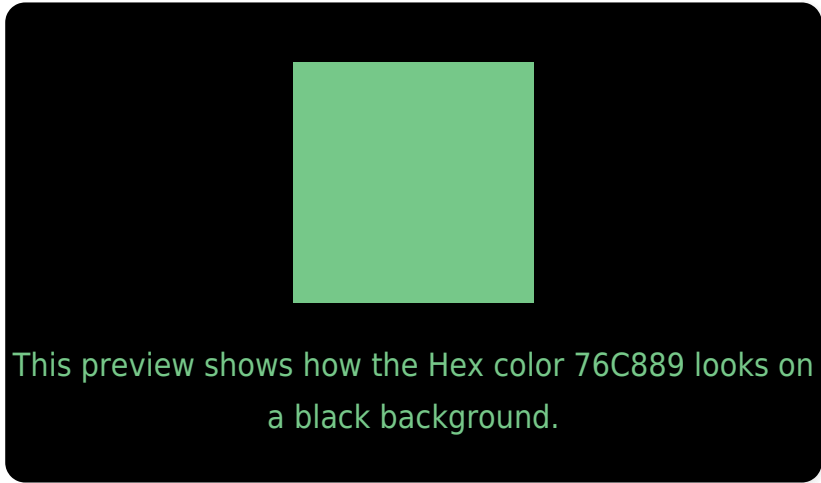
Large Text (above 18pt) WCAG AA × Fail

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

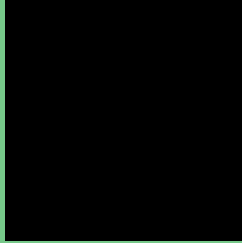
Any Text WCAG AA ✓ Pass

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 76C889 Background



This preview shows how black text looks on a background with the Hex color 76C889.

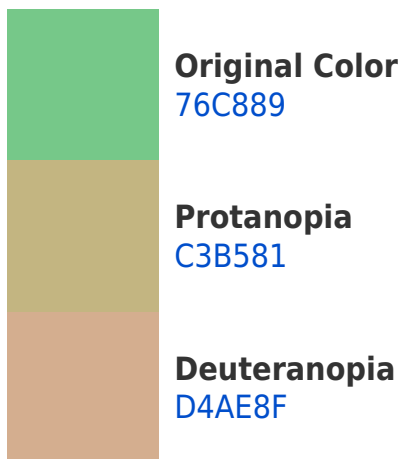


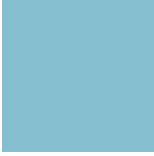
This preview shows how white text looks on a background with the Hex color 76C889.

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
85BFCF

Trichromacy



Original Color
76C889



Protanomaly
A7BC84



Deuteranomaly
B2B78D



Tritanomaly
80C2B6

Monochromacy



Original Color
76C889



Achromatopsia
A8A8A8



Achromatomaly
96B49D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C889 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 #76C889 looks like.

```
.text, #text, p{  
    color:#76C889  
}
```

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 #76C889 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C889
}
```

Border

The CSS property to change the border of an element to Hex 76C889 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
#76C889 }
```

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

```
.border{ border-color:#76C889 }
```

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

Here you see how a box with a 4 pixel #76C889 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C889; -webkit-box-shadow:4px 4px  
4px 4px #76C889; box-shadow:4px 4px 4px  
4px #76C889 }
```

Background

The CSS property to change the background color of an element to Hex 76C889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C889 }
```

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

```
.background{ background-color:#76C889 }
```

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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