

Converting Colors

Hex(77C686)

Have a look what the booklet for
Hex(77C686) contains.

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Color

Hex(77C686)

Conversions

Conversions Part 1

Format	Color
Hex	77C686
RGB	119, 198, 134
RGB Percent	47%, 78%, 53%
CMY	0.5333, 0.2235, 0.4745
CMYK	0.40, 0.00, 0.32, 0.22
HSL	131°, 41%, 62%
HSV	131°, 40%, 78%
XYZ	32.1049, 46.0313, 29.7471
YIQ	167.0830, -26.5400, -36.6520

Conversions

Conversions Part 2

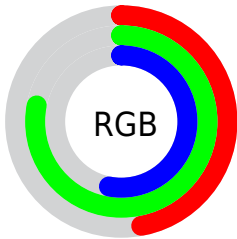
Format	Color
RYB	119, 185, 198
Decimal	7849606
CIELab	73.57, -37.84, 24.65
CIELCh	74, 45.164, 146.923
Yxy	46.0313, 0.2976, 0.4267
Android (android.graphics.Color)	4286039686 (0xFF77C686)
YUV	167.0830, -16.3099, -42.1688
Hunter-Lab	67.8464, -34.2650, 21.4969

Details

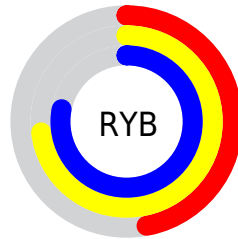
The Hex color **77C686** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C677B7**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **AEFFBC**, and **419054** is the 20% darker color. If you saturate the color by 10%, you get **63C676**, and if you desaturate by 10%, it is **8BC696**.

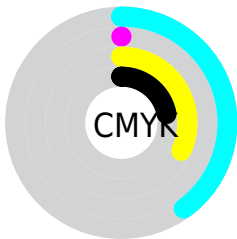
Distribution



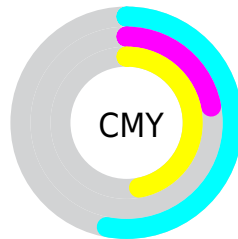
- Red (47%)
- Green (78%)
- Blue (53%)



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



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



- Cyan (53%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C686 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 77C686 by changing the saturation by 10% instead.

 77C686

 77C686

FFFFFF

 5CAA6C

 AEFFBC

 419054

 CBFFD7

 25753C

 E7FFF4

 005C25

 00440F

 002D00

 001500

 000000

 77C686

 77C686

 63C676

 8BC696

 4FC666

 9FC6A6

 3CC656

 B2C6B6

 28C646

 C6C6C6

 14C636

 DAC6D6

 00C626

 EEC6E6

 FFC6F6

 FFC6FF

Harmonies

Analogous

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



A9BD69



77C686



31CAAF

Triad

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



77C686



6ABAFF



FF9691

Complementary

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



77C686



C677B7

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.



FF94BB



77C686



B2ACFF

Square

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



77C686



00C5F9



E59CE3



F2A270

Rectangle

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



77C686



00CACB



E59CE3



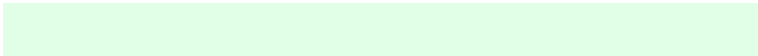
FF949F

Sweetspot

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



77C686



E0FFE6



B8C677



6E8071



000000



808080

Same Dimension

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



77C686



85FF9C



77C6AD



5A635B



00A31F



002407

Inverse Universe

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



C677B7



FF85E8



C67790



635A62



A30084



24001D

Previews

White Background



This preview shows how the Hex color 77C686 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 77C686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

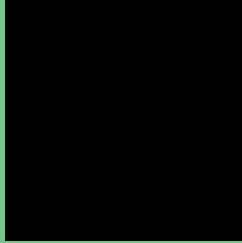
Any Text WCAG AA ✓ Pass

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 77C686 Background



This preview shows how black text looks on a background with the Hex color 77C686.

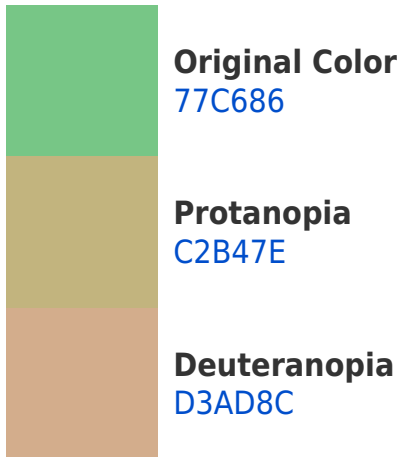


This preview shows how white text looks on a background with the Hex color 77C686.

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](#).

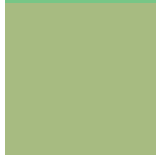
Dichromacy



Trichromacy



Original Color
77C686



Protanomaly
A7BB81



Deuteranomaly
B2B68A



Tritanomaly
81C0B3

Monochromacy



Original Color
77C686



Achromatopsia
A7A7A7



Achromatomaly
96B29B

CSS Examples

Text

The CSS property to change the color of the text to Hex 77C686 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 #77C686 looks like.

```
.text, #text, p{  
    color:#77C686  
}
```

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 #77C686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C686
}
```

Border

The CSS property to change the border of an element to Hex 77C686 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
#77C686 }
```

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

```
.border{ border-color:#77C686 }
```

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

Here you see how a box with a 4 pixel #77C686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C686; -webkit-box-shadow:4px 4px  
4px 4px #77C686; box-shadow:4px 4px 4px  
4px #77C686 }
```

Background

The CSS property to change the background color of an element to Hex 77C686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C686 }
```

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

```
.background{ background-color:#77C686 }
```

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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