

Converting Colors

Hex(78C486)

Have a look what the booklet for
Hex(78C486) contains.

Hex(78C486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(78C486)

Conversions

Conversions Part 1

Format	Color
Hex	78C486
RGB	120, 196, 134
RGB Percent	47%, 77%, 53%
CMY	0.5294, 0.2314, 0.4745
CMYK	0.39, 0.00, 0.32, 0.23
HSL	131°, 39%, 62%
HSV	131°, 39%, 77%
XYZ	31.7887, 45.1942, 29.6022
YIQ	166.2080, -25.3940, -35.3940

Conversions

Conversions Part 2

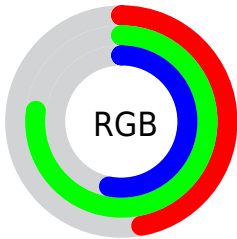
Format	Color
RYB	120, 184, 196
Decimal	7914630
CIELab	73.02, -36.64, 23.92
CIElCh	73, 43.753, 146.862
Yxy	45.1942, 0.2982, 0.4240
Android (android.graphics.Color)	4286104710 (0xFF78C486)
YUV	166.2080, -15.8785, -40.5244
Hunter-Lab	67.2266, -33.2411, 20.9512

Details

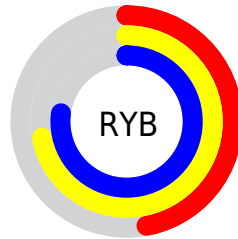
The Hex color **78C486** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C478B6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **AFFDBC**, and **428E54** is the 20% darker color. If you saturate the color by 10%, you get **64C476**, and if you desaturate by 10%, it is **8CC496**.

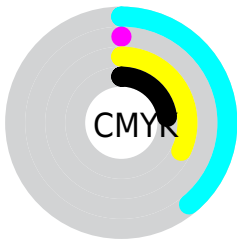
Distribution



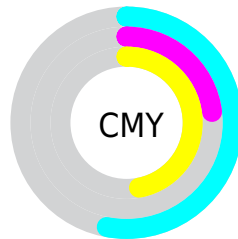
- Red (47%)
- Green (77%)
- Blue (53%)



- Red (47%)
- Yellow (72%)
- Blue (77%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78C486 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 78C486 by changing the saturation by 10% instead.

 78C486

 78C486

FFFFFF

 5DA86C


 AFFDBC

 428E54

 CBFFD7

 27743C

 E8FFF4


 015B25

 00420F

 002C00

 001200

 000000

 78C486

 78C486

 64C476

 8CC496

 51C466

 9FC4A6

 3DC456

 B3C4B6

 2AC446

 C6C4C6

 16C436

 DAC4D6

 02C426

 EEC4E6

 00C424

 FFC4F6

 FFC4FF

Harmonies

Analogous

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



A8BC6A



78C486



38C8AE

Triad

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



78C486



6CB9FF



FF9691

Complementary

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



78C486



C478B6

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.



FC94B9



78C486



B1AAFB

Square

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



78C486



00C3F5



E19CE0



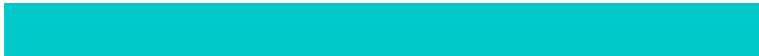
EFA171

Rectangle

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



78C486



00C8C9



E19CE0



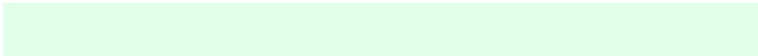
FF949E

Sweetspot

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



78C486



E0FFE6



B6C478



6E8071



000000



808080

Same Dimension

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



78C486



87FF9D



78C4AC



576159



00A11E



002106

Inverse Universe

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



C478B6



FF87E9



C47890



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 78C486 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 78C486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

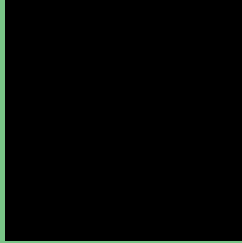
Any Text WCAG AA ✓ Pass

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 78C486 Background



This preview shows how black text looks on a background with the Hex color 78C486.

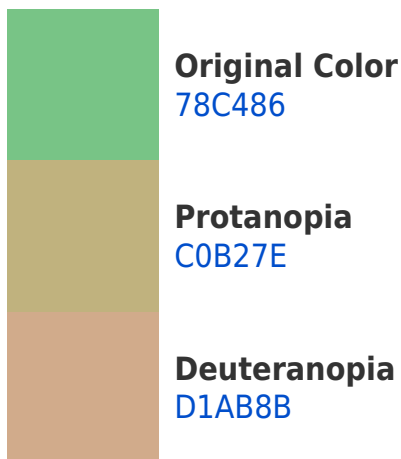


This preview shows how white text looks on a background with the Hex color 78C486.

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](#).

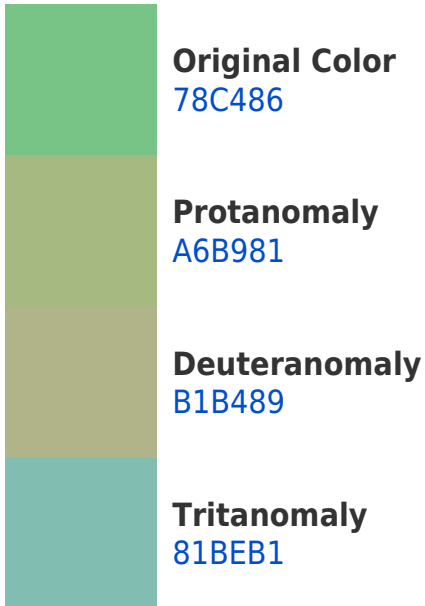
Dichromacy



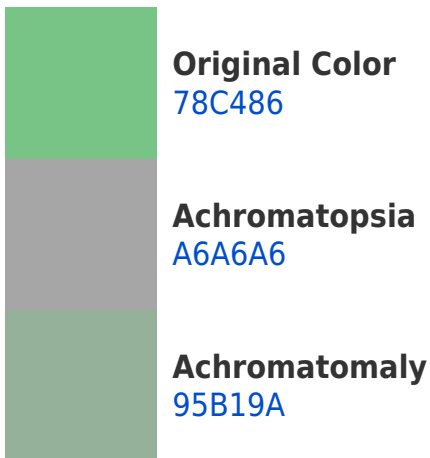


Tritanopia
86BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78C486 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 #78C486 looks like.

```
.text, #text, p{  
    color:#78C486  
}
```

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 #78C486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78C486
}
```

Border

The CSS property to change the border of an element to Hex 78C486 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
#78C486 }
```

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

```
.border{ border-color:#78C486 }
```

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

Here you see how a box with a 4 pixel #78C486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78C486; -webkit-box-shadow:4px 4px  
4px 4px #78C486; box-shadow:4px 4px 4px  
4px #78C486 }
```

Background

The CSS property to change the background color of an element to Hex 78C486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78C486 }
```

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

```
.background{ background-color:#78C486 }
```

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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