

Converting Colors

Hex(C4886E)

Have a look what the booklet for
Hex(C4886E) contains.

Hex(C4886E)	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(C4886E)

Conversions

Conversions Part 1

Format	Color
Hex	C4886E
RGB	196, 136, 110
RGB Percent	77%, 53%, 43%
CMY	0.2314, 0.4667, 0.5686
CMYK	0.00, 0.31, 0.44, 0.23
HSL	18°, 42%, 60%
HSV	18°, 44%, 77%
XYZ	34.3836, 30.4699, 18.8209
YIQ	150.9760, 44.1060, 4.6340

Conversions

Conversions Part 2

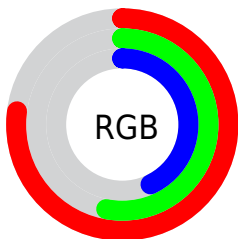
Format	Color
R_{YB}	196, 147, 110
Decimal	12879982
CIE _{Lab}	62.06, 19.81, 23.17
CIE _{LCh}	62, 30.486, 49.471
Yxy	30.4699, 0.4109, 0.3641
Android (android.graphics.Color)	4291070062 (0xFFC4886E)
YUV	150.9760, -20.2012, 39.4860
Hunter-Lab	55.1995, 14.5878, 18.4241

Details

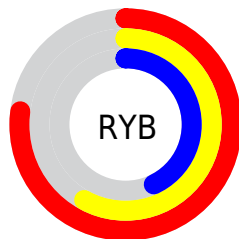
The Hex color **C4886E** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **6EAAC4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **FEBEA2**, and **8C563E** is the 20% darker color. If you saturate the color by 10%, you get **C47A5A**, and if you desaturate by 10%, it is **C49682**.

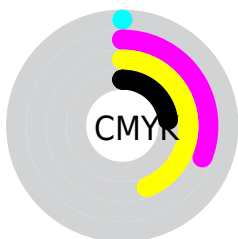
Distribution



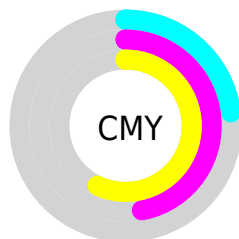
- Red (77%)
- Green (53%)
- Blue (43%)



- Red (77%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color C4886E 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 C4886E by changing the saturation by 10% instead.

 C4886E

 C4886E


FFFFFF

 A86E55

 FEBEA2

 8C563E

 FFD9BD

 713E28

 FFF6D9

 562813

 FFFFF5

 3D1200

 260000

 000000

 C4886E

 C4886E

 C47A5A

 C49682

 C46D47

 C4A395

 C45F33

 C4B1A9

 C45120

 C4BFBC

 C4440C

 C4CCD0

 C43B00

 C4DAE4

 C4E8F7

 C4F5FF

 C4FFFF

Harmonies

Analogous

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



CC8285



C4886E



B19161

Triad

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



C4886E



57A48B



8C92C9

Complementary

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



C4886E



6EAAC4

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.



629BCB



C4886E



3BA5A7

Square

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



C4886E



78A072



3EA2BE



AF89B9

Rectangle

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



C4886E



A09760



3EA2BE



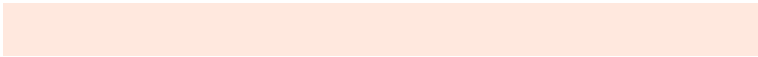
7E96CB

Sweetspot

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



C4886E



FFE8DE



C46EAA



80716B



000000



808080

Same Dimension

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



C4886E



FFA178



C4B36E



615A57



A13100



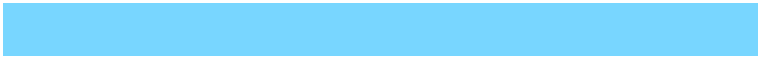
210A00

Inverse Universe

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



6EAAC4



78D6FF



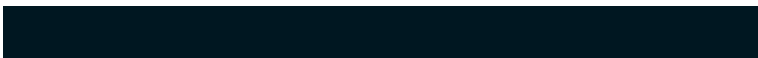
6E7FC4



575E61



0070A1



001721

Previews

White Background



This preview shows how the Hex color C4886E looks on a white background.

Color Contrast Check

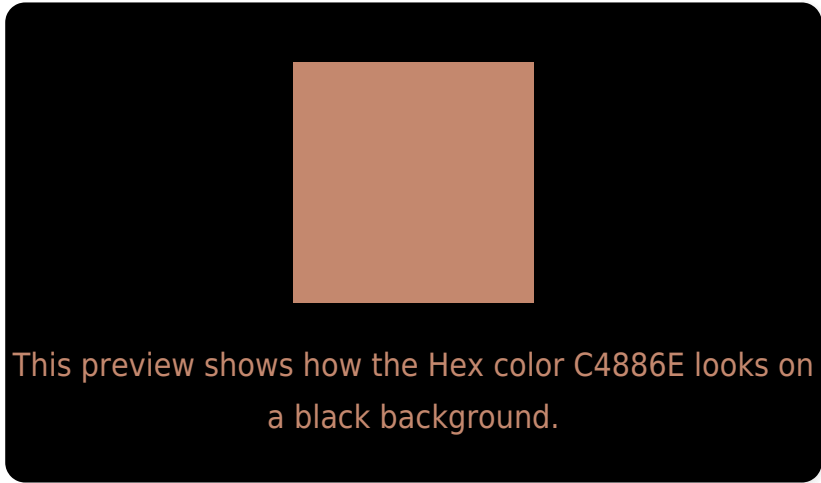
Large Text (above 18pt) WCAG AA × Fail

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

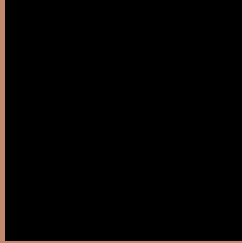
Any Text WCAG AA ✓ Pass

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 C4886E Background



This preview shows how black text looks on a background with the Hex color C4886E.



This preview shows how white text looks on a background with the Hex color C4886E.

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](#).

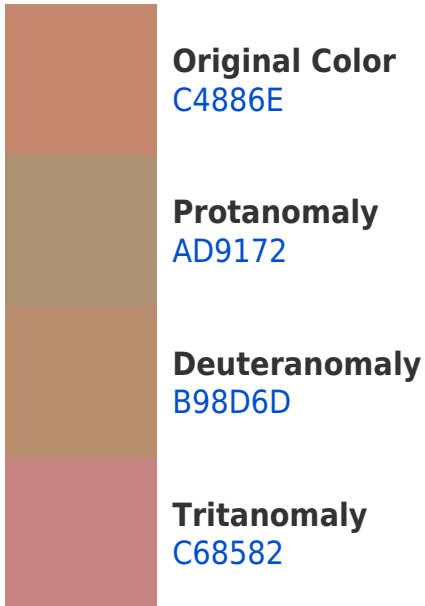
Dichromacy





Tritanopia
C7848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C4886E 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 #C4886E looks like.

```
.text, #text, p{  
    color:#C4886E  
}
```

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 #C4886E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4886E
}
```

Border

The CSS property to change the border of an element to Hex C4886E is called "border". The border property can be set on classes, ids or directly on the HTML element.

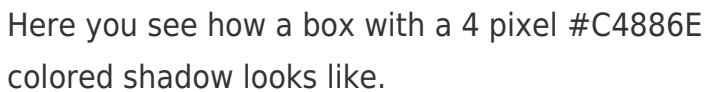
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C4886E }
```

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

```
.border{ border-color:#C4886E }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #C4886E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4886E; -webkit-box-shadow:4px 4px  
4px 4px #C4886E; box-shadow:4px 4px 4px  
4px #C4886E }
```

Background

The CSS property to change the background color of an element to Hex C4886E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4886E }
```

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

```
.background{ background-color:#C4886E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor