

# Converting Colors

Hex(C4996F)

Have a look what the booklet for  
Hex(C4996F) contains.

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# **Color**

**Hex(C4996F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4996F
RGB	196, 153, 111
RGB Percent	77%, 60%, 44%
CMY	0.2314, 0.4000, 0.5647
CMYK	0.00, 0.22, 0.43, 0.23
HSL	30°, 42%, 60%
HSV	30°, 43%, 77%
XYZ	37.0254, 35.6659, 19.9717
YIQ	161.0690, 39.1100, -3.9460

# Conversions

## Conversions Part 2

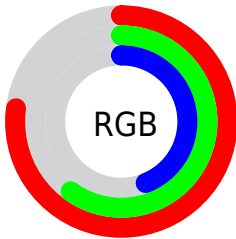
<b>Format</b>	<b>Color</b>
<b>RYB</b>	196, 194, 111
Decimal	12884335
CIELab	66.26, 10.58, 28.20
CIElCh	66, 30.118, 69.433
Yxy	35.6659, 0.3996, 0.3849
Android (android.graphics.Color)	4291074415 (0xFFC4996F)
YUV	161.0690, -24.6840, 30.6345
Hunter-Lab	59.7210, 6.1536, 21.9771

# Details

The Hex color **C4996F** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6F9AC4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FECFA3**, and **8C663F** is the 20% darker color. If you saturate the color by 10%, you get **C48F5B**, and if you desaturate by 10%, it is **C4A383**.

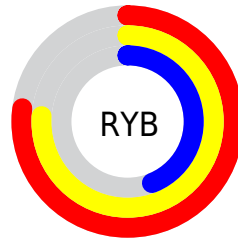
# Distribution



Red (77%)

Green (60%)

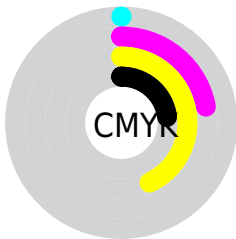
Blue (44%)



Red (77%)

Yellow (76%)

Blue (44%)

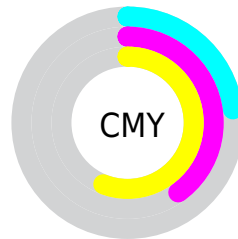


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4996F 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 C4996F by changing the saturation by 10% instead.



 C4996F

 C4996F


FFFFFF

 A87F56

 FECFA3

 8C663F

 FFECBE

 714E28

 FFFFFDA

 573712

 FFFFFFF7

 3F2200

 260D00

 000000

 C4996F

 C4996F

 C48F5B

 C4A383

 C48548

 C4AD96

 C47B34

 C4B7AA

 C47121

 C4C1BD

 C4670D

 C4CBD1

 C46100

 C4D4E5

 C4DEF8

 C4E8FF

 C4F2FF

# Harmonies

## Analogous

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



D49180



C4996F



ABA26B

# Triad

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



C4996F



51B0A9



B097CB

# Complementary

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



C4996F



6F9AC4

# 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.



8AA1D6



C4996F



48AEC3

# Square

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



C4996F



6EAE8D



62A9D3



CA8FB5

# Rectangle

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



C4996F



98A771



62A9D3



A49AD0



# Sweetspot

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



C4996F



FFEEDE



C46F9B



80756B



000000



808080



# Same Dimension

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



C4996F



FFBC7A



C4C36F



615C57



A14F00



211000

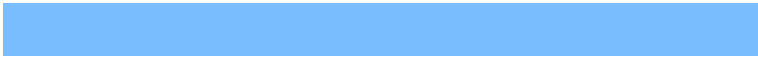


# Inverse Universe

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



6F9AC4



7ABDFF



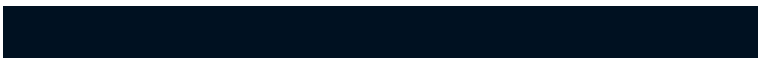
6F70C4



575C61



0051A1

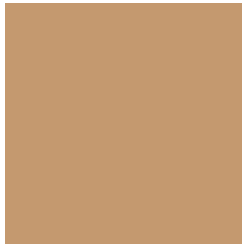


001121



# Previews

## White Background



This preview shows how the Hex color C4996F looks on a white background.

## Color Contrast Check

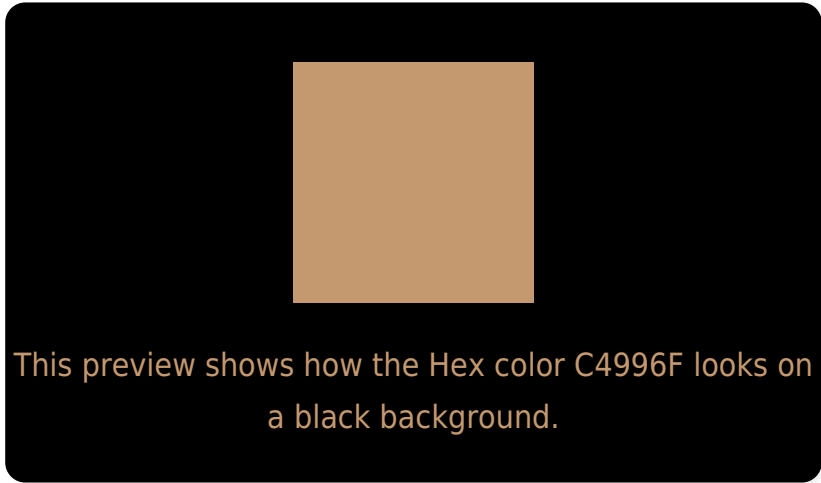
Large Text (above 18pt) WCAG AA × Fail

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

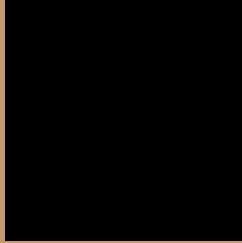
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4996F Background



This preview shows how black text looks on a background with the Hex color C4996F.



This preview shows how white text looks on a background with the Hex color C4996F.

# 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



**Original Color**  
C4996F

**Protanopia**  
AEA172

**Deuteranopia**  
C19A6F

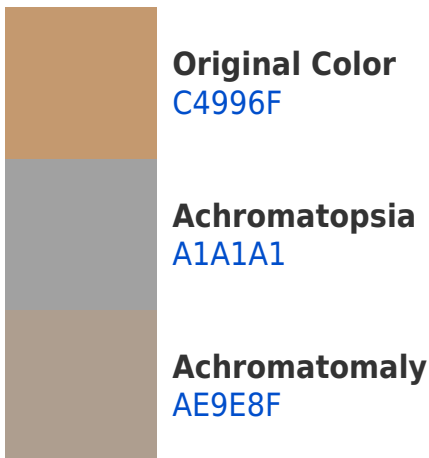


**Tritanopia**  
C8939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4996F 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 #C4996F looks like.

```
.text, #text, p{  
    color:#C4996F  
}
```

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 #C4996F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4996F
}
```

## Border

The CSS property to change the border of an element to Hex C4996F 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
#C4996F }
```

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

```
.border{ border-color:#C4996F }
```

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

Here you see how a box with a 4 pixel #C4996F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4996F; -webkit-box-shadow:4px 4px  
4px 4px #C4996F; box-shadow:4px 4px 4px  
4px #C4996F }
```

# Background

The CSS property to change the background color of an element to Hex C4996F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4996F }
```

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

```
.background{ background-color:#C4996F }
```

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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