

# Converting Colors

Hex(4C906F)

Have a look what the booklet for  
Hex(4C906F) contains.

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# Color

Hex(4C906F)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C906F
RGB	76, 144, 111
RGB Percent	30%, 56%, 44%
CMY	0.7020, 0.4353, 0.5647
CMYK	0.47, 0.00, 0.23, 0.44
HSL	151°, 31%, 43%
HSV	151°, 47%, 56%
XYZ	15.8230, 22.6307, 18.5731
YIQ	119.9060, -29.9350, -24.6790

# Conversions

## Conversions Part 2

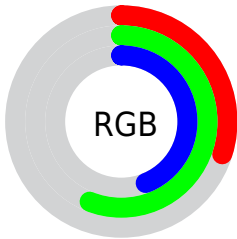
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 121, 144
Decimal	5017711
CIELab	54.69, -29.64, 10.96
CIElCh	55, 31.604, 159.708
Yxy	22.6307, 0.2775, 0.3968
Android (android.graphics.Color)	4283207791 (0xFF4C906F)
YUV	119.9060, -4.3907, -38.5056
Hunter-Lab	47.5718, -23.8791, 10.1520

# Details

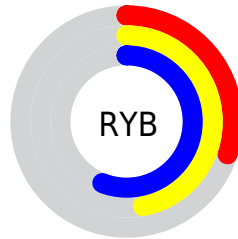
The Hex color **4C906F** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **904C6D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **81C6A3**, and **155D3F** is the 20% darker color. If you saturate the color by 10%, you get **3E9068**, and if you desaturate by 10%, it is **5A9076**.

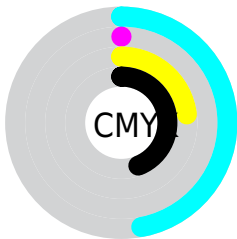
# Distribution



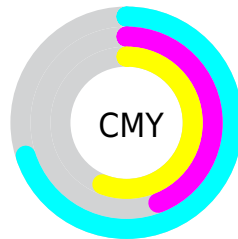
- Red (30%)
- Green (56%)
- Blue (44%)



- Red (30%)
- Yellow (47%)
- Blue (56%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (70%)
- Magenta (44%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C906F 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 4C906F by changing the saturation by 10% instead.





4C906F



4C906F

FFFFFF



327657



81C6A3



155D3F



9CE2BE



004529



B8FFDA



002E15



D4FFF6



001900



F1FFFF



000000



4C906F



4C906F



3E9068



5A9076



2F9061



69907D

■ 21905A

■ 779084

■ 129053

■ 86908B

■ 04904C

■ 949092

■ 00904A

■ A29099

■ B190A0

■ BF90A7

■ CE90AE

# Harmonies

## Analogous

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



6E8B58



4C906F



23928B

# Triad

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



4C906F



6A83B8



B47261

# Complementary

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



4C906F



904C6D

# 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.



B86D7B



4C906F



9179AD

# Square

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



4C906F



398BB6



AC7096



A57B50

# Rectangle

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



4C906F



02919D



AC7096



B77069



# Sweetspot

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



4C906F



A0BAAE



6E904C



4E5E57



DEDEDE



5E5E5E



# Same Dimension

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



4C906F



50BA87



4C9090



404744



008746



000804



# Inverse Universe

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



904C6D



BA5084



904C4C



474044



870042



080004



# Previews

## White Background



This preview shows how the Hex color 4C906F looks on a white background.

## Color Contrast Check

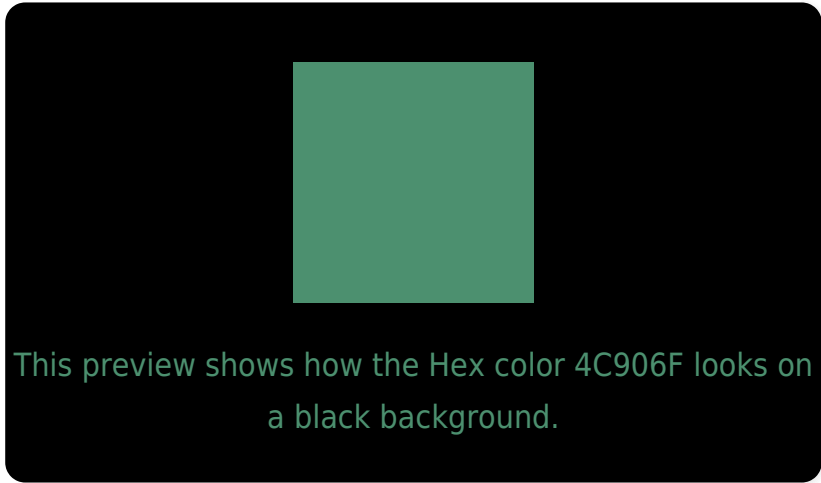
Large Text (above 18pt) WCAG AA ✓ Pass

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

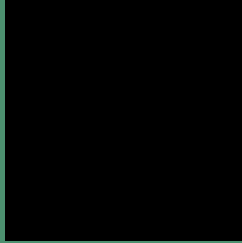
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4C906F Background



This preview shows how black text looks on a background with the Hex color 4C906F.

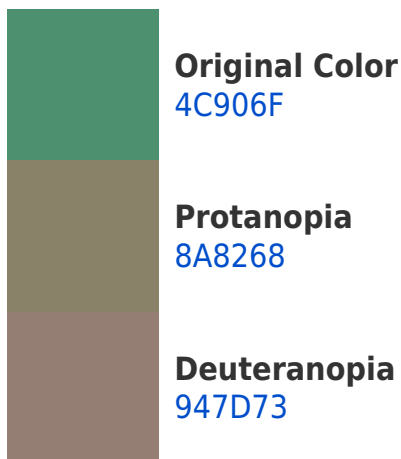


This preview shows how white text looks on a background with the Hex color 4C906F.

# 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](#).

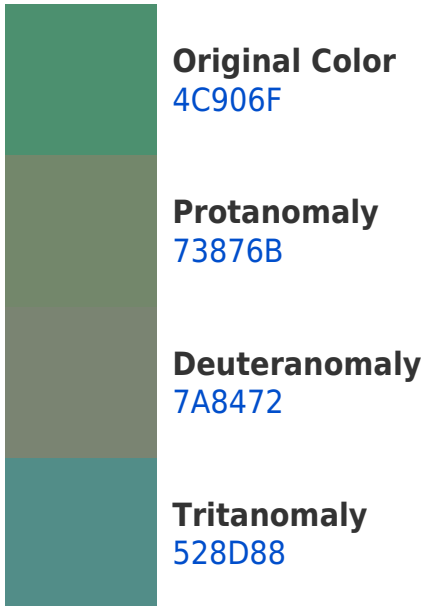
## Dichromacy





**Tritanopia**  
568B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C906F 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 #4C906F looks like.

```
.text, #text, p{  
    color:#4C906F  
}
```

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 #4C906F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C906F
}
```

## Border

The CSS property to change the border of an element to Hex 4C906F 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
#4C906F }
```

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

```
.border{ border-color:#4C906F }
```

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

Here you see how a box with a 4 pixel #4C906F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C906F; -webkit-box-shadow:4px 4px  
4px 4px #4C906F; box-shadow:4px 4px 4px  
4px #4C906F }
```

# Background

The CSS property to change the background color of an element to Hex 4C906F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C906F }
```

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

```
.background{ background-color:#4C906F }
```

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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