

Converting Colors

Hex(4AC96F)

Have a look what the booklet for
Hex(4AC96F) contains.

Hex(4AC96F)	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(4AC96F)

Conversions

Conversions Part 1

Format	Color
Hex	4AC96F
RGB	74, 201, 111
RGB Percent	29%, 79%, 44%
CMY	0.7098, 0.2118, 0.5647
CMYK	0.63, 0.00, 0.45, 0.21
HSL	137°, 54%, 54%
HSV	137°, 63%, 79%
XYZ	26.5799, 44.3768, 22.2036
YIQ	152.7670, -46.8020, -54.9140

Conversions

Conversions Part 2

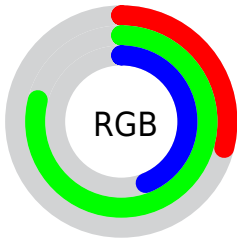
Format	Color
RYB	74, 172, 201
Decimal	4901231
CIELab	72.48, -54.41, 34.83
CIELCh	72, 64.602, 147.373
Yxy	44.3768, 0.2853, 0.4763
Android (android.graphics.Color)	4283091311 (0xFF4AC96F)
YUV	152.7670, -20.5911, -69.0787
Hunter-Lab	66.6159, -45.3559, 26.8693

Details

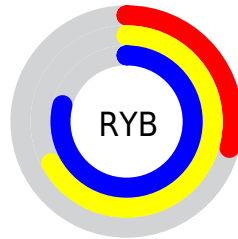
The Hex color **4AC96F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C94AA4**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **87FFA4**, and **00923D** is the 20% darker color. If you saturate the color by 10%, you get **36C961**, and if you desaturate by 10%, it is **5EC97D**.

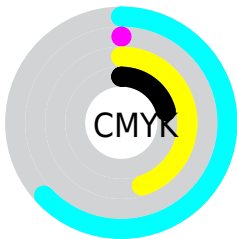
Distribution



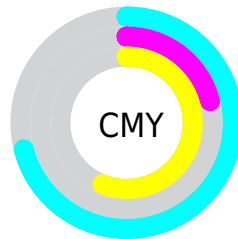
- Red (29%)
- Green (79%)
- Blue (44%)



- Red (29%)
- Yellow (67%)
- Blue (79%)



- Cyan (63%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (71%)
- Magenta (21%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AC96F 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 4AC96F by changing the saturation by 10% instead.



4AC96F



4AC96F

FFFFFF



25AD56



87FFA4



00923D



A4FFBF



007725



C2FFDB



005D0B



E0FFF8



004400

FEFFFF



002E00



001000



000000



4AC96F



4AC96F

 36C961

 5EC97D

 22C953

 72C98B

 0EC944

 86C99A

 00C93B

 9AC9A8

 AFC9B6

 C3C9C4

 D7C9D3

 EBC9E1

 FFC9EF

Harmonies

Analogous

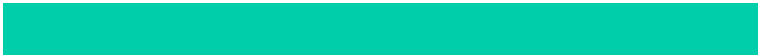
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CBE40



4AC96F



00CEAA

Triad

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



4AC96F



00BAFF



FF817F

Complementary

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



4AC96F



C94AA4

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.



FF7CB9



4AC96F



AAA4FF

Square

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



4AC96F



00C8FF



F58BF2



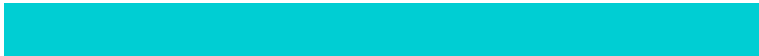
FF964E

Rectangle

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



4AC96F



00CED3



F58BF2



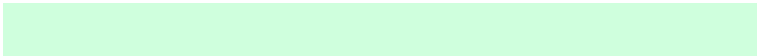
FF7D92

Sweetspot

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



4AC96F



CFFFDD



A5C94A



62806B



000000



808080

Same Dimension

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



4AC96F



3DFF76



4AC9AD



5A635C



00A330



00240A

Inverse Universe

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



C94AA4



FF3DC7



C94A66



635A61



A30074



240019

Previews

White Background



This preview shows how the Hex color 4AC96F looks on a white background.

Color Contrast Check

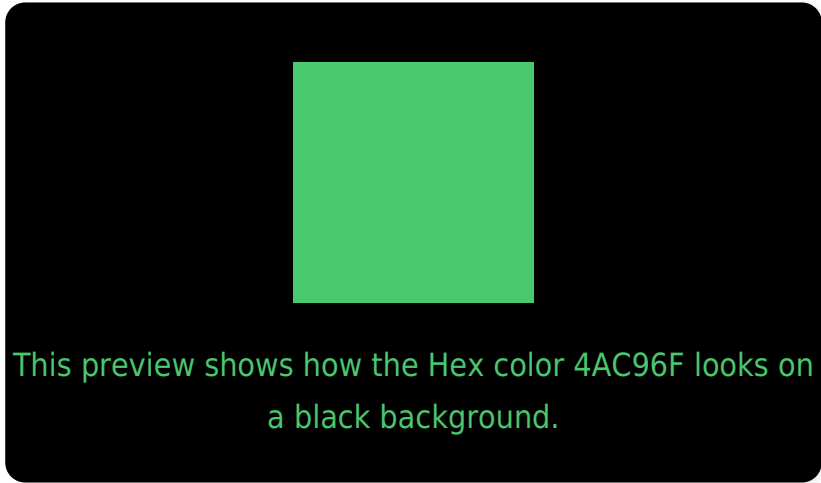
Large Text (above 18pt) WCAG AA × Fail

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 4AC96F Background



This preview shows how black text looks on a background with the Hex color 4AC96F.

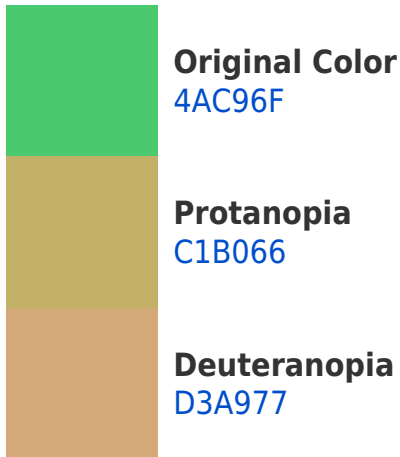


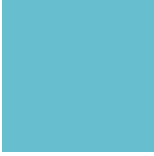
This preview shows how white text looks on a background with the Hex color 4AC96F.

Color Blindness Simulation

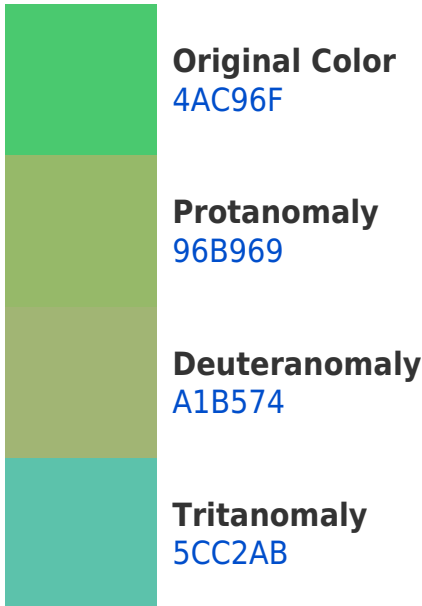
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

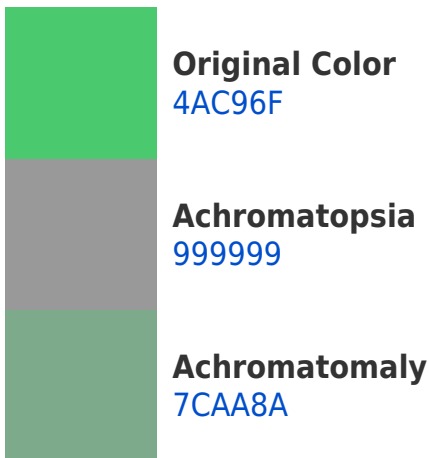




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AC96F 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 #4AC96F looks like.

```
.text, #text, p{  
    color:#4AC96F  
}
```

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 #4AC96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC96F
}
```

Border

The CSS property to change the border of an element to Hex 4AC96F 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
#4AC96F }
```

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

```
.border{ border-color:#4AC96F }
```

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

Here you see how a box with a 4 pixel #4AC96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC96F; -webkit-box-shadow:4px 4px  
4px 4px #4AC96F; box-shadow:4px 4px 4px  
4px #4AC96F }
```

Background

The CSS property to change the background color of an element to Hex 4AC96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC96F }
```

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

```
.background{ background-color:#4AC96F }
```

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