

Converting Colors

Hex(4FCC80)

Have a look what the booklet for
Hex(4FCC80) contains.

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Color

Hex(4FCC80)

Conversions

Conversions Part 1

Format	Color
Hex	4FCC80
RGB	79, 204, 128
RGB Percent	31%, 80%, 50%
CMY	0.6902, 0.2000, 0.4980
CMYK	0.61, 0.00, 0.37, 0.20
HSL	144°, 55%, 55%
HSV	144°, 61%, 80%
XYZ	28.7136, 46.4065, 27.8661
YIQ	157.9610, -50.1040, -50.1360

Conversions

Conversions Part 2

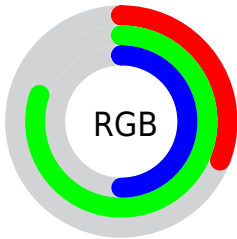
Format	Color
RYB	79, 169, 204
Decimal	5229696
CIELab	73.81, -51.61, 27.86
CIELCh	74, 58.651, 151.637
Yxy	46.4065, 0.2788, 0.4506
Android (android.graphics.Color)	4283419776 (0xFF4FCC80)
YUV	157.9610, -14.7708, -69.2488
Hunter-Lab	68.1223, -43.9762, 23.4325

Details

The Hex color **4FCC80** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CC4F9B**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8BFFB5**, and **00954E** is the 20% darker color. If you saturate the color by 10%, you get **3BCC74**, and if you desaturate by 10%, it is **63CC8C**.

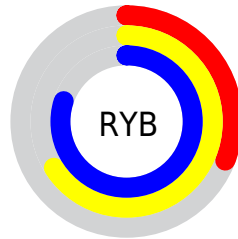
Distribution



Red (31%)

Green (80%)

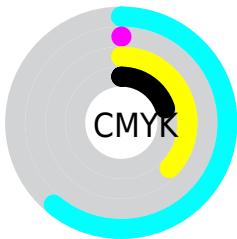
Blue (50%)



Red (31%)

Yellow (66%)

Blue (80%)

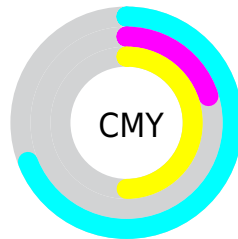


Cyan (61%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (69%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCC80 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 4FCC80 by changing the saturation by 10% instead.



4FCC80



4FCC80

FFFFFF



2CB067



8BFFB5



00954E



A8FFD1



007A36



C6FFEE



00601F



E4FFFF



004707



003000



001600



000000



4FCC80



4FCC80

 3BCC74

 63CC8C

 26CC67

 78CC99

 12CC5B

 8CCCA5

 00CC50

 A1CCB2

 B5CCBE

 C9CCCA

 DECCD7

 F2CCE3

 FFCCF0

Harmonies

Analogous

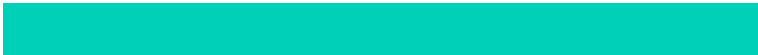
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9AC355



4FCC80



00D0B7

Triad

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



4FCC80



4DBAFF



FF8D80

Complementary

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



4FCC80



CC4F9B

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.



FF86B5



4FCC80



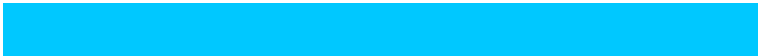
BCA6FF

Square

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



4FCC80



00C8FF



FA91E9



FCA056

Rectangle

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



4FCC80



00D0DB



FA91E9



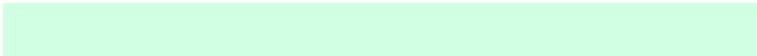
FF8991

Sweetspot

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



4FCC80



D1FFE3



9CCC4F



63806E



000000



808080

Same Dimension

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



4FCC80



42FF8C



4FCCBD



5C6660



00A641



00260F

Inverse Universe

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



CC4F9B



FF42B5



CC4F5E



665C62



A60065



260017

Previews

White Background



This preview shows how the Hex color 4FCC80 looks on a white background.

Color Contrast Check

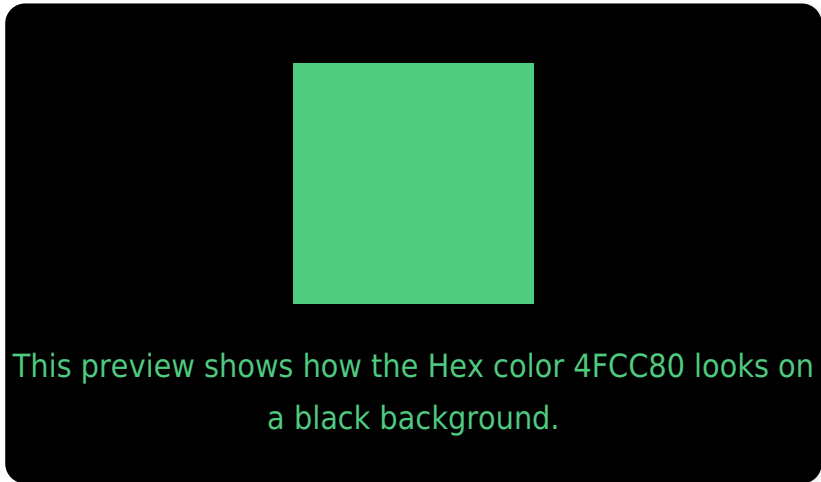
Large Text (above 18pt) WCAG AA × Fail

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

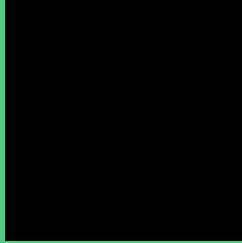
Any Text WCAG AA ✓ Pass

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 4FCC80 Background



This preview shows how black text looks on a background with the Hex color 4FCC80.

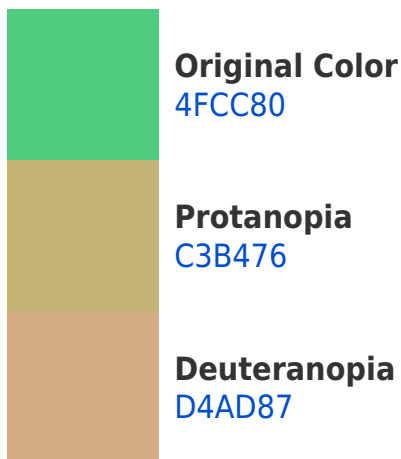


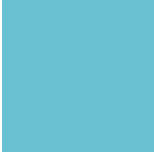
This preview shows how white text looks on a background with the Hex color 4FCC80.

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](#).

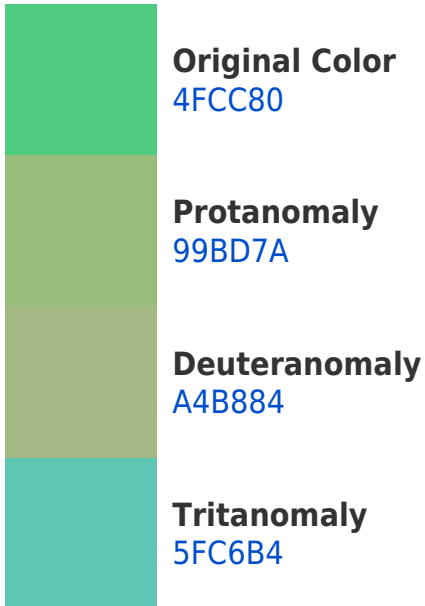
Dichromacy



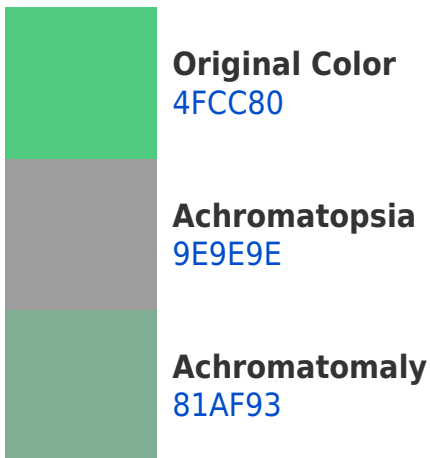


Tritanopia
68C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCC80 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 #4FCC80 looks like.

```
.text, #text, p{  
    color:#4FCC80  
}
```

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 #4FCC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCC80
}
```

Border

The CSS property to change the border of an element to Hex 4FCC80 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
#4FCC80 }
```

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

```
.border{ border-color:#4FCC80 }
```

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

Here you see how a box with a 4 pixel #4FCC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCC80; -webkit-box-shadow:4px 4px  
4px 4px #4FCC80; box-shadow:4px 4px 4px  
4px #4FCC80 }
```

Background

The CSS property to change the background color of an element to Hex 4FCC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCC80 }
```

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

```
.background{ background-color:#4FCC80 }
```

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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