

Converting Colors

Hex(4FCD99)

Have a look what the booklet for
Hex(4FCD99) contains.

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Color

Hex(4FCD99)

Conversions

Conversions Part 1

Format	Color
Hex	4FCD99
RGB	79, 205, 153
RGB Percent	31%, 80%, 60%
CMY	0.6902, 0.1961, 0.4000
CMYK	0.61, 0.00, 0.25, 0.20
HSL	155°, 56%, 56%
HSV	155°, 61%, 80%
XYZ	30.8055, 47.6248, 37.7059
YIQ	161.3980, -58.4040, -42.8840

Conversions

Conversions Part 2

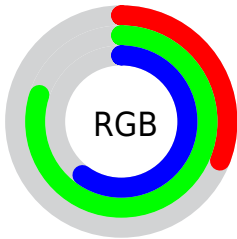
Format	Color
RYB	79, 158, 205
Decimal	5229977
CIELab	74.59, -47.01, 15.74
CIELCh	75, 49.576, 161.491
Yxy	47.6248, 0.2653, 0.4101
Android (android.graphics.Color)	4283420057 (0xFF4FCD99)
YUV	161.3980, -4.1402, -72.2630
Hunter-Lab	69.0107, -41.0886, 15.9128

Details

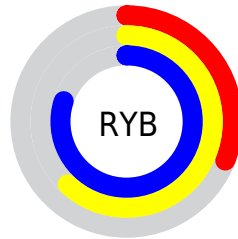
The Hex color **4FCD99** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CD4F83**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8BFFCF**, and **009666** is the 20% darker color. If you saturate the color by 10%, you get **3ACD91**, and if you desaturate by 10%, it is **64CDA1**.

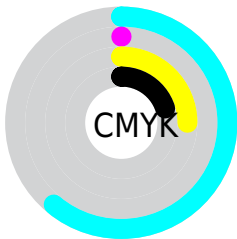
Distribution



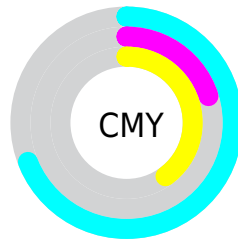
- Red (31%)
- Green (80%)
- Blue (60%)



- Red (31%)
- Yellow (62%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (25%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCD99 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 4FCD99 by changing the saturation by 10% instead.

 4FCD99

 4FCD99

FFFFFF

 2CB17F

 8BFFCF

 009666

 A9FFEC

 007B4E

 C6FFFF

 006137

 E4FFFF

 004921

 00310B

 001900

 000000

 4FCD99

 4FCD99

 3ACD91

 64CDA1

 26CD88

 78CDAA

 11CD80

 8CCDB2

 00CD78

 A1CDBB

 B6CDC3

 CACDCC

 DFCDD4

 F3CDDD

 FFCDE5

Harmonies

Analogous

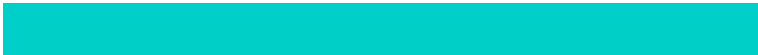
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90C671



4FCD99



00CFC8

Triad

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



4FCD99



8DB6FF



FF9B7D

Complementary

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



4FCD99



CD4F83

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.



FF92A8



4FCD99



D2A5FC

Square

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



4FCD99



00C4FF



FD96D6



EBAB61

Rectangle

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



4FCD99



00CEE6



FD96D6



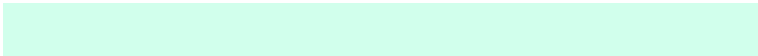
FF978A

Sweetspot

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



4FCD99



D1FFEC



84CD4F



638074



000000



808080

Same Dimension

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



4FCD99



42FFB1



4FC3CD



5C6662



00A661



002616

Inverse Universe

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



CD4F83



FF4290



CD5A4F



665C60



A60044



260010

Previews

White Background



This preview shows how the Hex color 4FCD99 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



This preview shows how the Hex color 4FCD99 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

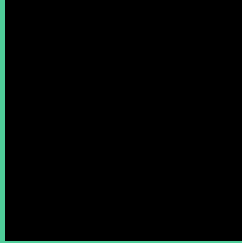
Any Text WCAG AA ✓ Pass

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 4FCD99 Background



This preview shows how black text looks on a background with the Hex color 4FCD99.

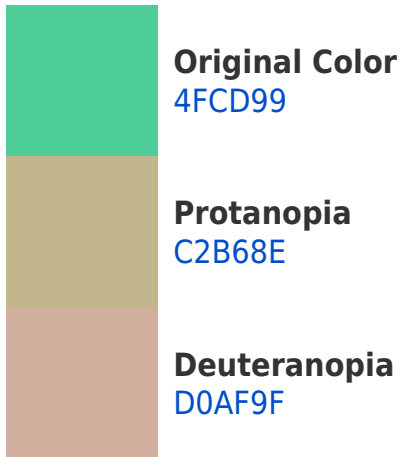


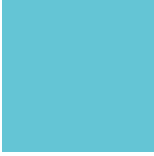
This preview shows how white text looks on a background with the Hex color 4FCD99.

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](#).

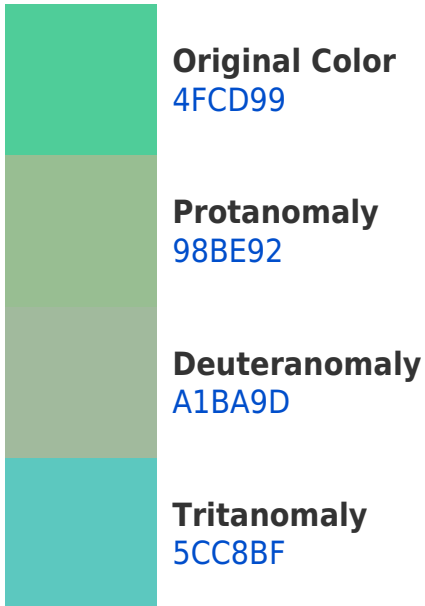
Dichromacy



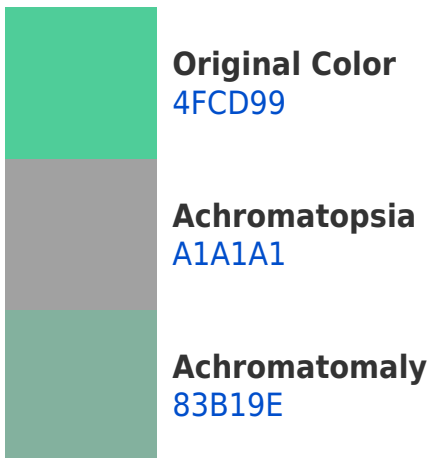


Tritanopia
64C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCD99 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 #4FCD99 looks like.

```
.text, #text, p{  
    color:#4FCD99  
}
```

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 #4FCD99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCD99
}
```

Border

The CSS property to change the border of an element to Hex 4FCD99 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
#4FCD99 }
```

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

```
.border{ border-color:#4FCD99 }
```

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

Here you see how a box with a 4 pixel #4FCD99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCD99; -webkit-box-shadow:4px 4px  
4px 4px #4FCD99; box-shadow:4px 4px 4px  
4px #4FCD99 }
```

Background

The CSS property to change the background color of an element to Hex 4FCD99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCD99 }
```

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

```
.background{ background-color:#4FCD99 }
```

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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