

Converting Colors

Hex(4CBD80)

Have a look what the booklet for
Hex(4CBD80) contains.

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Color

Hex(4CBD80)

Conversions

Conversions Part 1

Format	Color
Hex	4CBD80
RGB	76, 189, 128
RGB Percent	30%, 74%, 50%
CMY	0.7020, 0.2588, 0.4980
CMYK	0.60, 0.00, 0.32, 0.26
HSL	148°, 46%, 52%
HSV	148°, 60%, 74%
XYZ	25.0744, 39.4902, 26.7229
YIQ	148.2590, -47.7670, -42.9270

Conversions

Conversions Part 2

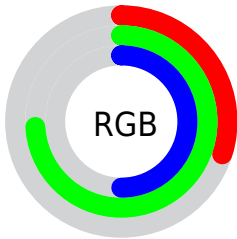
Format	Color
RYB	76, 153, 189
Decimal	5029248
CIELab	69.10, -46.15, 21.51
CIELCh	69, 50.922, 155.009
Yxy	39.4902, 0.2747, 0.4326
Android (android.graphics.Color)	4283219328 (0xFF4CBD80)
YUV	148.2590, -9.9877, -63.3711
Hunter-Lab	62.8412, -38.7486, 18.7761

Details

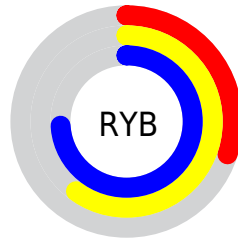
The Hex color **4CBD80** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BD4C89**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **86F6B5**, and **00874E** is the 20% darker color. If you saturate the color by 10%, you get **39BD76**, and if you desaturate by 10%, it is **5FBD8A**.

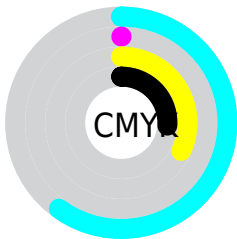
Distribution



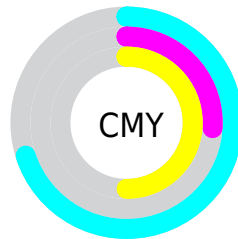
- Red (30%)
- Green (74%)
- Blue (50%)



- Red (30%)
- Yellow (60%)
- Blue (74%)



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (70%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CBD80 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 4CBD80 by changing the saturation by 10% instead.

 4CBD80

 4CBD80

FFFFFF

 2BA167

 86F6B5

 00874E

 A3FFD1

 006D37

 C0FFED

 005321

 DEFFFF

 003B0B

 FCFFFF

 002600

 000000

 4CBD80

 4CBD80

 39BD76

 5FBD8A

 26BD6C

 72BD94

 13BD61

 85BD9F

 00BD57

 98BDA9

 ABBDB3

 BDBDBD

 D0BDC7

 E3BDD2

 F6BDDC

Harmonies

Analogous

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



8CB55A



4CBD80



00C0AF

Triad

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



4CBD80



66ABFF



FB8876

Complementary

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



4CBD80



BD4C89

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.



FE81A3



4CBD80



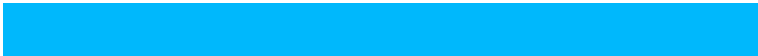
B69AF4

Square

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



4CBD80



00B8FC



E889D1



E39855

Rectangle

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



4CBD80



00C0CE



E889D1



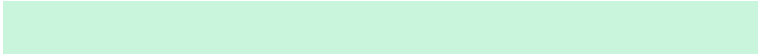
FE8584

Sweetspot

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



4CBD80



C9F5DD



8ABD4C



5F7A6C



FAFAFA



7A7A7A

Same Dimension

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



4CBD80



45F596



4CBDB7



555E59



009E49



001F0E

Inverse Universe

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



BD4C89



F545A4



BD4C52



5E555A



9E0055



1F0011

Previews

White Background



This preview shows how the Hex color 4CBD80 looks on a white background.

Color Contrast Check

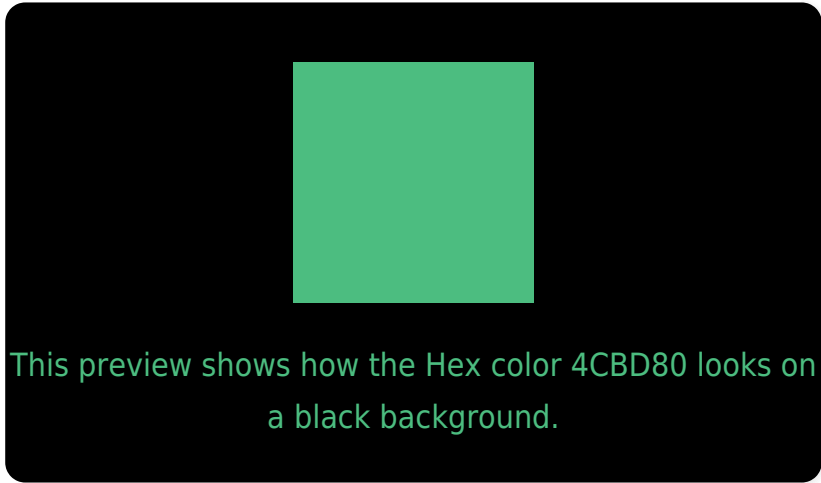
Large Text (above 18pt) WCAG AA × Fail

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

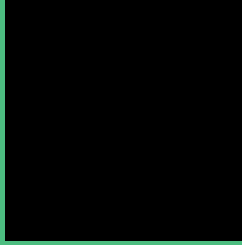
Any Text WCAG AA ✓ Pass

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 4CBD80 Background



This preview shows how black text looks on a background with the Hex color 4CBD80.

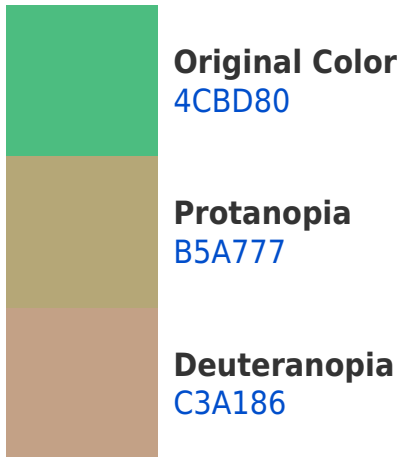


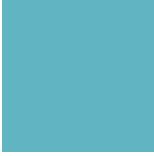
This preview shows how white text looks on a background with the Hex color 4CBD80.

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
61B5C3

Trichromacy



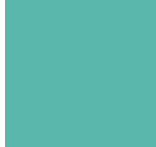
Original Color
4CBD80



Protanomaly
8FAF7A



Deuteranomaly
98AB84



Tritanomaly
59B8AB

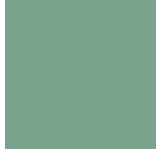
Monochromacy



Original Color
4CBD80



Achromatopsia
949494



Achromatomaly
7AA38D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CBD80 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 #4CBD80 looks like.

```
.text, #text, p{  
    color:#4CBD80  
}
```

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 #4CBD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CBD80
}
```

Border

The CSS property to change the border of an element to Hex 4CBD80 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
#4CBD80 }
```

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

```
.border{ border-color:#4CBD80 }
```

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

Here you see how a box with a 4 pixel #4CBD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CBD80; -webkit-box-shadow:4px 4px  
4px 4px #4CBD80; box-shadow:4px 4px 4px  
4px #4CBD80 }
```

Background

The CSS property to change the background color of an element to Hex 4CBD80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CBD80 }
```

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

```
.background{ background-color:#4CBD80 }
```

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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