

Converting Colors

Hex(4CB98F)

Have a look what the booklet for
Hex(4CB98F) contains.

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Color

Hex(4CB98F)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4CB98F |
| RGB | 76, 185, 143 |
| RGB Percent | 30%, 73%, 56% |
| CMY | 0.7020, 0.2745, 0.4392 |
| CMYK | 0.59, 0.00, 0.23, 0.27 |
| HSL | 157°, 44%, 51% |
| HSV | 157°, 59%, 73% |
| XYZ | 25.2874, 38.2176, 32.0306 |
| YIQ | 147.6210, -51.4820, -36.1700 |

Conversions

Conversions Part 2

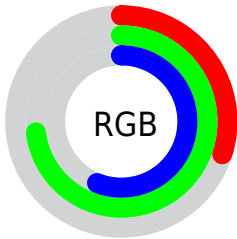
| Format | Color |
|-------------------------------------|---|
| RYB | 76, 144, 185 |
| Decimal | 5028239 |
| CIELab | 68.18, -41.27, 12.12 |
| CIElCh | 68, 43.010, 163.626 |
| Yxy | 38.2176, 0.2647, 0.4000 |
| Android (android.graphics.Color) | 4283218319 (0xFF4CB98F) |
| YUV | 147.6210, -2.2782, -62.8116 |
| Hunter-Lab | 61.8204, -35.1710, 12.5548 |

Details

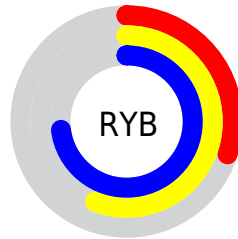
The Hex color **4CB98F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B94C76**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **86F2C5**, and **00835D** is the 20% darker color. If you saturate the color by 10%, you get **3AB988**, and if you desaturate by 10%, it is **5FB996**.

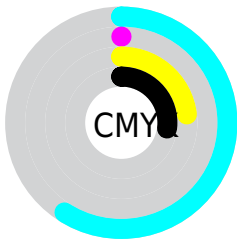
Distribution



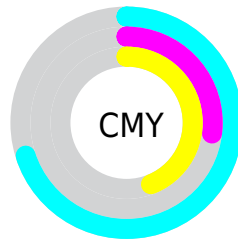
- Red (30%)
- Green (73%)
- Blue (56%)



- Red (30%)
- Yellow (56%)
- Blue (73%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)



- Cyan (70%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB98F 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 4CB98F by changing the saturation by 10% instead.



4CB98F



4CB98F

FFFFFF



2C9E75



86F2C5



00835D



A3FFE1



006945



C0FFFD



00502F



DDFFFF



00381A



FBFFFF



002300



000000



4CB98F



4CB98F



3AB988



5FB996

 27B981

 71B99D

 14B97A

 84B9A4

 02B972

 96B9AC

 00B972

 A9B9B3

 BBB9BA

 CDB9C1

 E0B9C8

 F3B9CF

Harmonies

Analogous

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



82B36C



4CB98F



00BBB7

Triad

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



4CB98F



88A4F2



E98F72

Complementary

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



4CB98F



B94C76

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.



F18796



4CB98F



C195DF

Square

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



4CB98F



35B0F0



E48ABD



D19C5B

Rectangle

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



4CB98F



00B9D0



E48ABD



EE8B7D

Sweetspot

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



4CB98F



C5F0DF



78B94C



5D786E



F7F7F7



787878

Same Dimension

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



4CB98F



46F0AE



4CAEB9



535C58



009C60



001C11

Inverse Universe

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



B94C76



F04687



B9574C



5C5356



9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 4CB98F looks on a white background.

Color Contrast Check

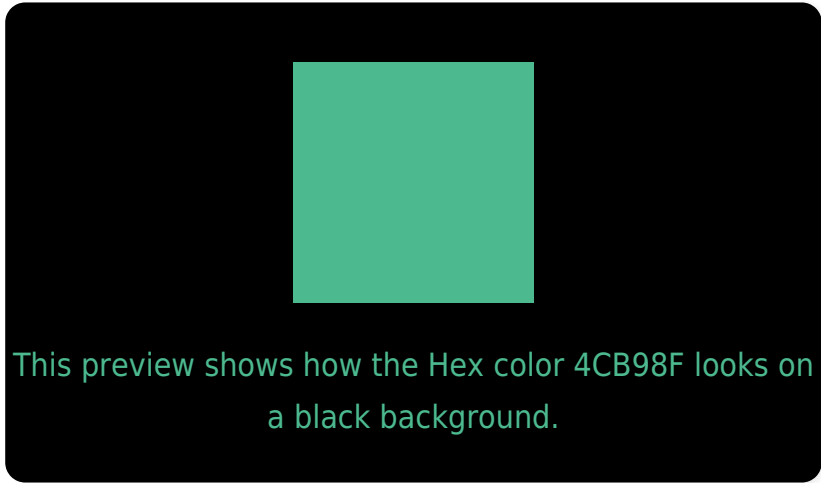
Large Text (above 18pt) WCAG AA × Fail

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 4CB98F Background



This preview shows how black text looks on a background with the Hex color 4CB98F.



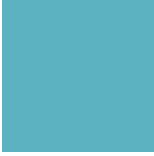
This preview shows how white text looks on a background with the Hex color 4CB98F.

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



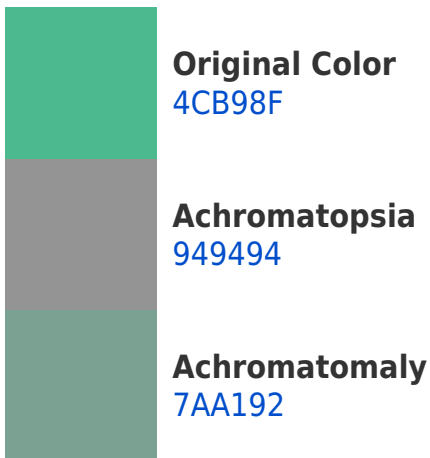


Tritanopia
5DB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB98F 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 #4CB98F looks like.

```
.text, #text, p{  
    color:#4CB98F  
}
```

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 #4CB98F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB98F
}
```

Border

The CSS property to change the border of an element to Hex 4CB98F 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
#4CB98F }
```

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

```
.border{ border-color:#4CB98F }
```

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

Here you see how a box with a 4 pixel #4CB98F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB98F; -webkit-box-shadow:4px 4px  
4px 4px #4CB98F; box-shadow:4px 4px 4px  
4px #4CB98F }
```

Background

The CSS property to change the background color of an element to Hex 4CB98F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB98F }
```

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

```
.background{ background-color:#4CB98F }
```

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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