

Converting Colors

Hex(4CB67A)

Have a look what the booklet for
Hex(4CB67A) contains.

Hex(4CB67A)	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(4CB67A)

Conversions

Conversions Part 1

Format	Color
Hex	4CB67A
RGB	76, 182, 122
RGB Percent	30%, 71%, 48%
CMY	0.7020, 0.2863, 0.5216
CMYK	0.58, 0.00, 0.33, 0.29
HSL	146°, 42%, 51%
HSV	146°, 58%, 71%
XYZ	23.2213, 36.3975, 24.2139
YIQ	143.4660, -43.9160, -41.1320

Conversions

Conversions Part 2

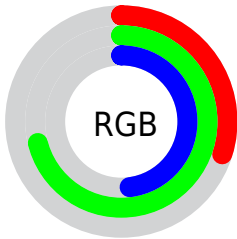
Format	Color
RYB	76, 150, 182
Decimal	5027450
CIELab	66.82, -44.42, 21.63
CIELCh	67, 49.405, 154.040
Yxy	36.3975, 0.2770, 0.4342
Android (android.graphics.Color)	4283217530 (0xFF4CB67A)
YUV	143.4660, -10.5827, -59.1677
Hunter-Lab	60.3304, -36.8731, 18.4349

Details

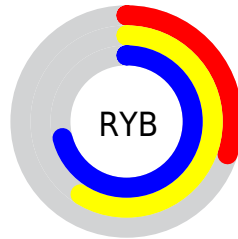
The Hex color **4CB67A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B64C88**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **85EFAF**, and **008049** is the 20% darker color. If you saturate the color by 10%, you get **3AB670**, and if you desaturate by 10%, it is **5EB684**.

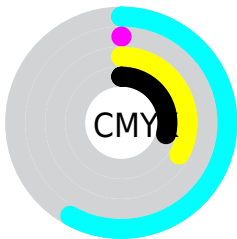
Distribution



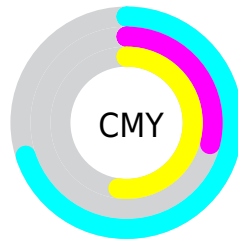
- Red (30%)
- Green (71%)
- Blue (48%)



- Red (30%)
- Yellow (59%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (33%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB67A 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 4CB67A by changing the saturation by 10% instead.

 4CB67A

 4CB67A

FFFFFF

 2C9B61

 85EFAF

 008049

 A2FFCA

 006632

 BFFFE6

 004D1C

 DCFFFF

 003504

 FAFFFF

 002000

 000000

 4CB67A

 4CB67A

 3AB670

 5EB684

 28B665

 70B68F

 15B65B

 83B699

 03B651

 95B6A3

 00B64F

 A7B6AE

 B9B6B8

 CBB6C2

 DEB6CC

 F0B6D7

Harmonies

Analogous

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



89AE56



4CB67A



00B9A7

Triad

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



4CB67A



5FA5FB



F28373

Complementary

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



4CB67A



B64C88

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.



F57D9E



4CB67A



AE95EC

Square

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



4CB67A



00B1F2



DE84CA



DC9253

Rectangle

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



4CB67A



00B9C5



DE84CA



F68081

Sweetspot

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



4CB67A



C5EDD6



88B64C



60786A



F7F7F7



787878

Same Dimension

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



4CB67A



47ED8F



4CB6AF



535C57



009C44



001C0C

Inverse Universe

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



B64C88



ED47A5



B64C53



5C5358



9C0058



1C0010

Previews

White Background



This preview shows how the Hex color 4CB67A looks on a white background.

Color Contrast Check

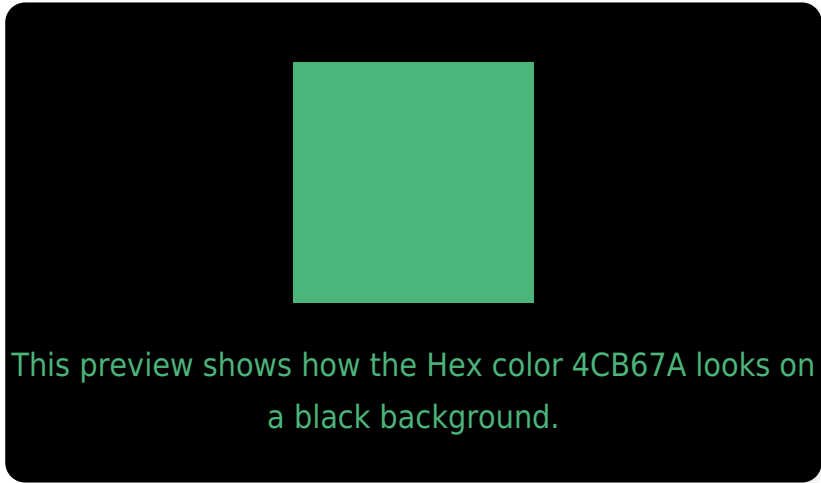
Large Text (above 18pt) WCAG AA × Fail

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 4CB67A Background



This preview shows how black text looks on a background with the Hex color 4CB67A.

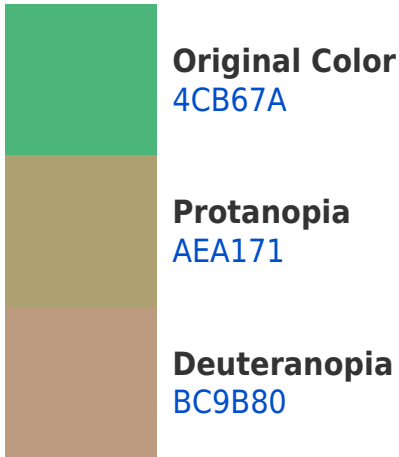


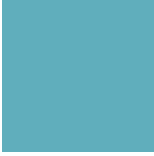
This preview shows how white text looks on a background with the Hex color 4CB67A.

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](#).

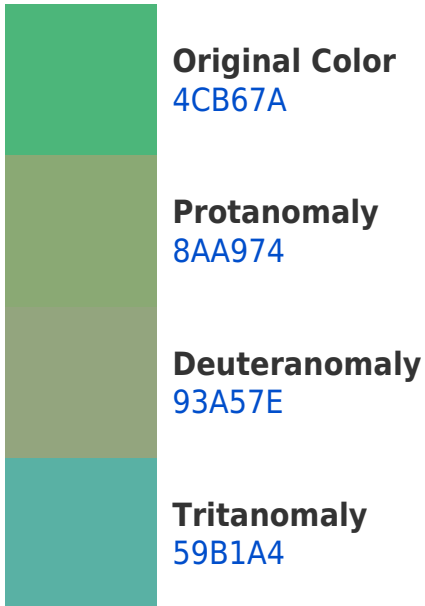
Dichromacy



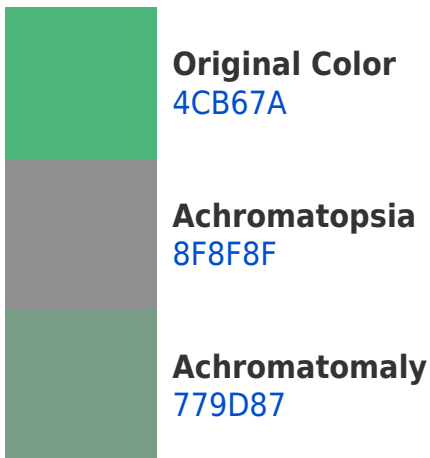


Tritanopia
60AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB67A 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 #4CB67A looks like.

```
.text, #text, p{  
    color:#4CB67A  
}
```

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 #4CB67A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB67A
}
```

Border

The CSS property to change the border of an element to Hex 4CB67A 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
#4CB67A }
```

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

```
.border{ border-color:#4CB67A }
```

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

Here you see how a box with a 4 pixel #4CB67A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB67A; -webkit-box-shadow:4px 4px  
4px 4px #4CB67A; box-shadow:4px 4px 4px  
4px #4CB67A }
```

Background

The CSS property to change the background color of an element to Hex 4CB67A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB67A }
```

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

```
.background{ background-color:#4CB67A }
```

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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