

# Converting Colors

Hex(6CAD80)

Have a look what the booklet for  
Hex(6CAD80) contains.

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# **Color**

**Hex(6CAD80)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CAD80
RGB	108, 173, 128
RGB Percent	42%, 68%, 50%
CMY	0.5765, 0.3216, 0.4980
CMYK	0.38, 0.00, 0.26, 0.32
HSL	138°, 28%, 55%
HSV	138°, 38%, 68%
XYZ	25.0242, 34.6338, 25.7882
YIQ	148.4350, -24.2950, -27.7750

# Conversions

## Conversions Part 2

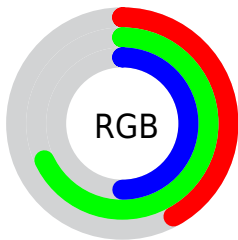
Format	Color
<a href="#">RYB</a>	<a href="#">108, 158, 173</a>
Decimal	<a href="#">7122304</a>
CIELab	<a href="#">65.46, -30.67, 16.71</a>
CIELCh	<a href="#">65, 34.926, 151.415</a>
Yxy	<a href="#">34.6338, 0.2929, 0.4053</a>
Android (android.graphics.Color)	<a href="#">4285312384</a> ( <a href="#">0xFF6CAD80</a> )
YUV	<a href="#">148.4350, -10.0745, -35.4615</a>
Hunter-Lab	<a href="#">58.8505, -27.0872, 15.2146</a>

# Details

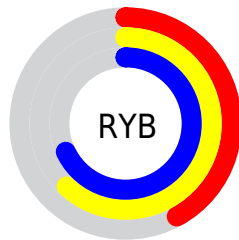
The Hex color **6CAD80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD6C99**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A2E5B5**, and **38784F** is the 20% darker color. If you saturate the color by 10%, you get **5BAD74**, and if you desaturate by 10%, it is **7DAD8C**.

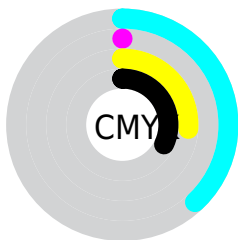
# Distribution



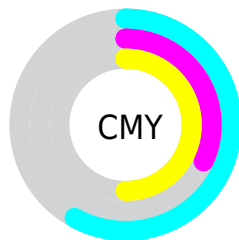
- Red (42%)
- Green (68%)
- Blue (50%)



- Red (42%)
- Yellow (62%)
- Blue (68%)



- Cyan (38%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (58%)
- Magenta (32%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CAD80 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 6CAD80 by changing the saturation by 10% instead.



 6CAD80

 6CAD80

FFFFFF

 529267

 A2E5B5

 38784F

 BDFFD1

 1D5F38

 DAFFED

 004722

 F7FFFF

 00300C

 001C00

 000000

 6CAD80

 6CAD80

 5BAD74

 7DAD8C

 49AD68

 8FAD98

 38AD5C

 A0ADA4

 27AD50

 B1ADB0

 16AD44

 C3ADBC

 04AD38

 D4ADC8

 00AD35

 E5ADD4

 F6ADE0

 FFADEC

# Harmonies

## Analogous

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



91A769



6CAD80



42B09F

# Triad

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



6CAD80



74A1DD



DB8A80

# Complementary

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



6CAD80



AD6C99

# 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.



DA879F



6CAD80



A596D4

# Square

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



6CAD80



3FAAD5



C88CBD



CC9369

# Rectangle

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



6CAD80



27B0B5



C88CBD



DC888A



# Sweetspot

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



6CAD80



C8E0CF



9AAD6C



627066



F0F0F0



707070



# Same Dimension

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



6CAD80



7BE09A



6CADA0



4E5751



00962E



001707



# Inverse Universe

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



AD6C99



E07BC1



AD6C79



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 6CAD80 looks on a white background.

## Color Contrast Check

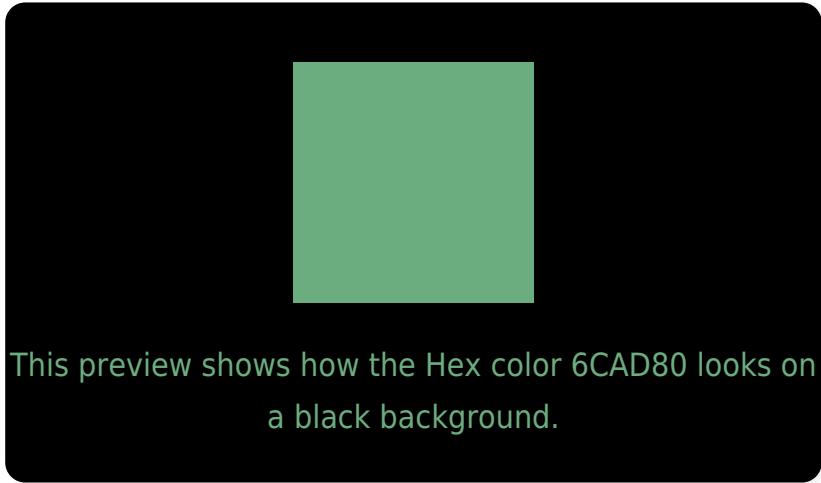
Large Text (above 18pt) WCAG AA × Fail

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 6CAD80 Background



This preview shows how black text looks on a background with the Hex color 6CAD80.

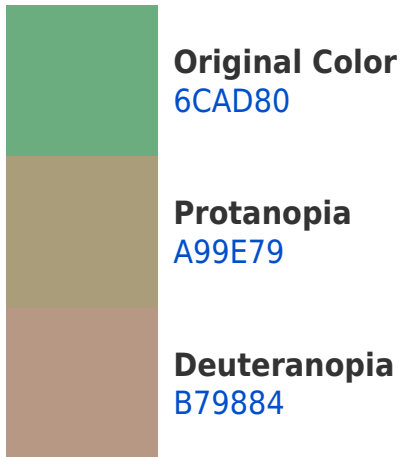


This preview shows how white text looks on a background with the Hex color 6CAD80.

# 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](#).

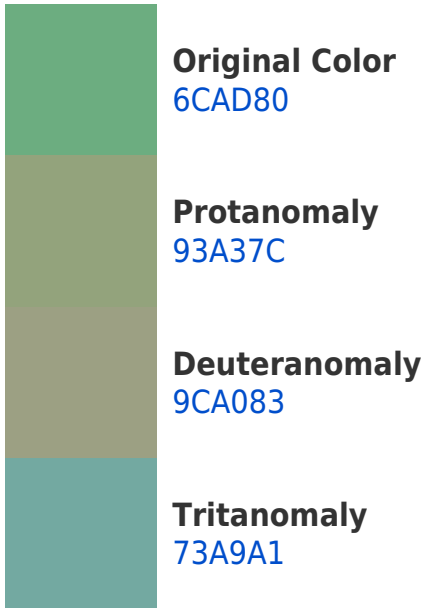
## Dichromacy



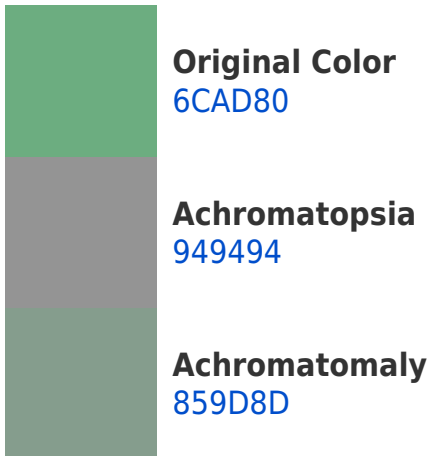


**Tritanopia**  
77A6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CAD80 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 #6CAD80 looks like.

```
.text, #text, p{  
    color:#6CAD80  
}
```

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 #6CAD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CAD80
}
```

## Border

The CSS property to change the border of an element to Hex 6CAD80 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
#6CAD80 }
```

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

```
.border{ border-color:#6CAD80 }
```

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

Here you see how a box with a 4 pixel #6CAD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CAD80; -webkit-box-shadow:4px 4px  
4px 4px #6CAD80; box-shadow:4px 4px 4px  
4px #6CAD80 }
```

# Background

The CSS property to change the background color of an element to Hex 6CAD80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CAD80 }
```

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

```
.background{ background-color:#6CAD80 }
```

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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