

# Converting Colors

Hex(4CA084)

Have a look what the booklet for  
Hex(4CA084) contains.

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**Color**

**Hex(4CA084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA084
RGB	76, 160, 132
RGB Percent	30%, 63%, 52%
CMY	0.7020, 0.3725, 0.4824
CMYK	0.52, 0.00, 0.17, 0.37
HSL	160°, 36%, 46%
HSV	160°, 52%, 63%
XYZ	19.7162, 28.3441, 26.2616
YIQ	131.6920, -41.0760, -26.5160

# Conversions

## Conversions Part 2

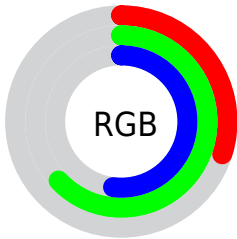
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 126, 160
Decimal	5021828
CIE <sub>Lab</sub>	60.20, -32.46, 6.88
CIE <sub>LCh</sub>	60, 33.181, 168.030
Yxy	28.3441, 0.2653, 0.3814
Android (android.graphics.Color)	4283211908 (0xFF4CA084)
YUV	131.6920, 0.1518, -48.8419
Hunter-Lab	53.2391, -27.0642, 8.0211

# Details

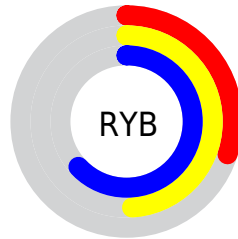
The Hex color **4CA084** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04C68**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **83D7B9**, and **0A6C53** is the 20% darker color. If you saturate the color by 10%, you get **3CA07F**, and if you desaturate by 10%, it is **5CA089**.

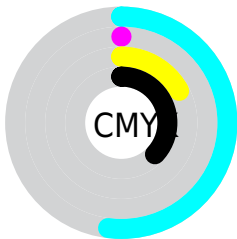
# Distribution



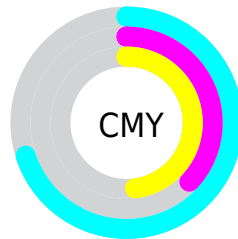
- Red (30%)
- Green (63%)
- Blue (52%)



- Red (30%)
- Yellow (49%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)



- Cyan (70%)
- Magenta (37%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA084 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 4CA084 by changing the saturation by 10% instead.





4CA084



4CA084

FFFFFF



30856B



83D7B9



0A6C53



9FF4D5



00533C



BBFFF1



003B26



D8FFFF



002611



F5FFFF



000100



000000



4CA084



4CA084



3CA07F



5CA089

 2CA079

 6CA08F

 1CA074

 7CA094

 0CA06F

 8CA099

 00A06B

 9CA09F

 ACA0A4

 BCA0A9

 CCA0AF

 DCA0B4

# Harmonies

## Analogous

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



719C69



4CA084



22A1A2

# Triad

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



4CA084



838EC9



C38167

# Complementary

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



4CA084



A04C68

# 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.



CA7B80



4CA084



AA83B8

# Square

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



4CA084



5297CA



C37C9E



AF8B58

# Rectangle

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



4CA084



159FB4



C37C9E



C77F6F



# Sweetspot

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



4CA084



B0D1C6



68A04C



556962



E8E8E8



696969



# Same Dimension

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



4CA084



4DD1A5



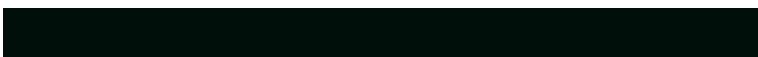
4C92A0



474F4C



008F5F



000F0A



# Inverse Universe

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



A04C68



D14D79



A05A4C



4F474A



8F0030

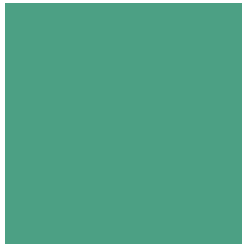


0F0005



# Previews

## White Background



This preview shows how the Hex color 4CA084 looks on a white background.

## Color Contrast Check

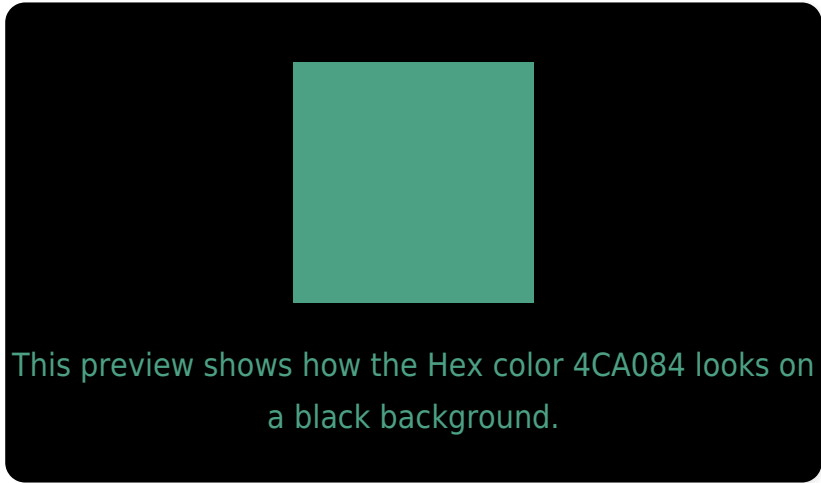
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CA084 Background



This preview shows how black text looks on a background with the Hex color 4CA084.



This preview shows how white text looks on a background with the Hex color 4CA084.

# 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](#).

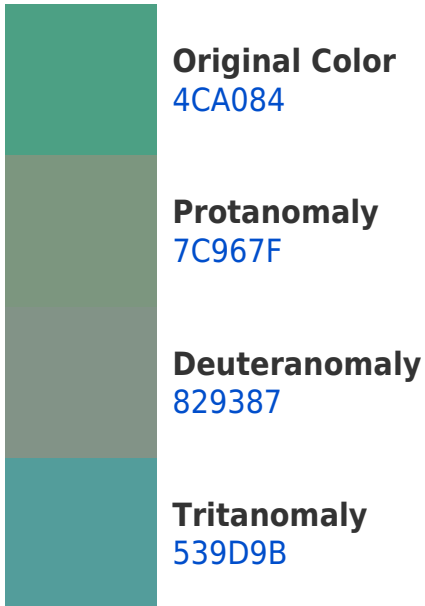
## Dichromacy



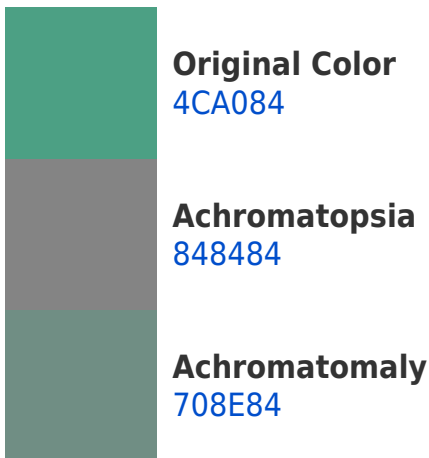


**Tritanopia**  
579BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA084 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 #4CA084 looks like.

```
.text, #text, p{  
    color:#4CA084  
}
```

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 #4CA084 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA084
}
```

## Border

The CSS property to change the border of an element to Hex 4CA084 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
#4CA084 }
```

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

```
.border{ border-color:#4CA084 }
```

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

Here you see how a box with a 4 pixel #4CA084 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA084; -webkit-box-shadow:4px 4px  
4px 4px #4CA084; box-shadow:4px 4px 4px  
4px #4CA084 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA084 }
```

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

```
.background{ background-color:#4CA084 }
```

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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