

# Converting Colors

Hex(4CA773)

Have a look what the booklet for  
Hex(4CA773) contains.

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**Color**

**Hex(4CA773)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA773
RGB	76, 167, 115
RGB Percent	30%, 65%, 45%
CMY	0.7020, 0.3451, 0.5490
CMYK	0.54, 0.00, 0.31, 0.35
HSL	146°, 37%, 48%
HSV	146°, 54%, 65%
XYZ	19.8937, 30.4117, 21.0412
YIQ	133.8630, -37.5440, -35.4640

# Conversions

## Conversions Part 2

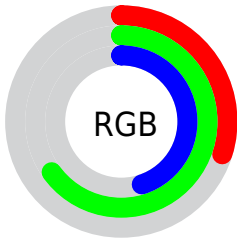
Format	Color
<b>RYB</b>	76, 140, 167
Decimal	5023603
CIELab	62.01, -39.37, 18.87
CIELCh	62, 43.660, 154.397
Yxy	30.4117, 0.2788, 0.4263
Android (android.graphics.Color)	4283213683 (0xFF4CA773)
YUV	133.8630, -9.2995, -50.7459
Hunter-Lab	55.1468, -32.1147, 15.9808

# Details

The Hex color **4CA773** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A74C80**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **83DFA7**, and **067243** is the 20% darker color. If you saturate the color by 10%, you get **3BA769**, and if you desaturate by 10%, it is **5DA77D**.

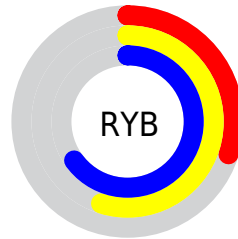
# Distribution



Red (30%)

Green (65%)

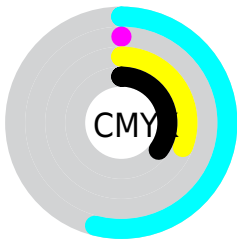
Blue (45%)



Red (30%)

Yellow (55%)

Blue (65%)

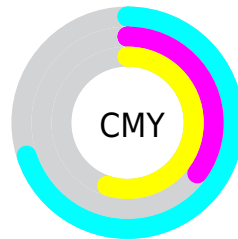


Cyan (54%)

Magenta (0%)

Yellow (31%)

Black (35%)



Cyan (70%)

Magenta (35%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA773 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 4CA773 by changing the saturation by 10% instead.



 4CA773

 4CA773

FFFFFF

 2F8C5A

 83DFA7

 067243

 9FFCC2

 00592C

 BCFFDE

 004116

 D9FFFB

 002A00

 F6FFFF

 000D00

 000000

 4CA773

 4CA773

 3BA769

 5DA77D

 2BA760

 6DA786

 1AA756

 7EA790

 09A74D

 8FA799

 00A748

 9FA7A3

 B0A7AC

 C1A7B6

 D2A7BF

 E2A7C9

# Harmonies

## Analogous

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



7FA054



4CA773



00AA9A

# Triad

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



4CA773



5F98E3



DC7B6C

# Complementary

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



4CA773



A74C80

# 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.



DE7692



4CA773



A189D6

# Square

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



4CA773



00A3DB



CA7CB8



C88850

# Rectangle

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



4CA773



00A9B5



CA7CB8



DF7878



# Sweetspot

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



4CA773



B6D9C5



81A74C



596E62



EDEDED



6E6E6E



# Same Dimension

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



4CA773



4CD988



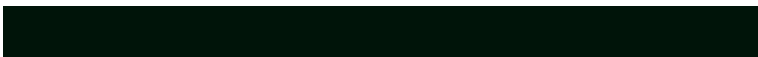
4CA79F



4C544F



00943F



001409



# Inverse Universe

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



A74C80



D94C9C



A74C54



544C51



940055



14000C



# Previews

## White Background



This preview shows how the Hex color 4CA773 looks on a white background.

## Color Contrast Check

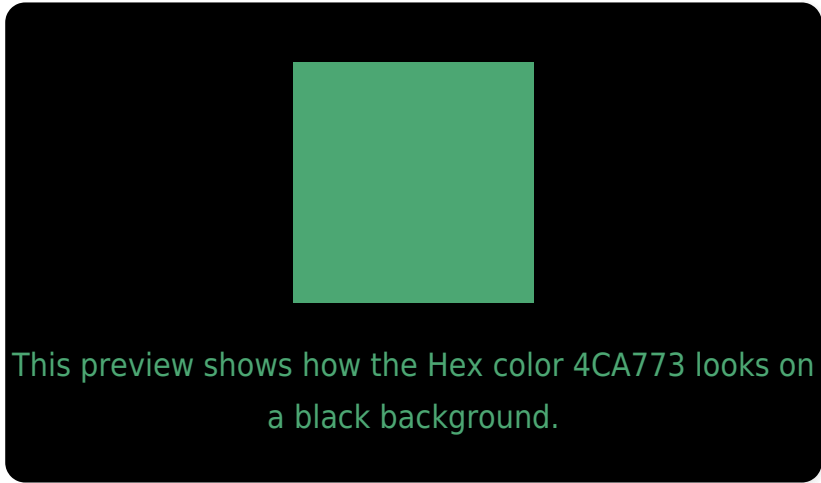
Large Text (above 18pt) WCAG AA × Fail

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 4CA773 Background



This preview shows how black text looks on a background with the Hex color 4CA773.

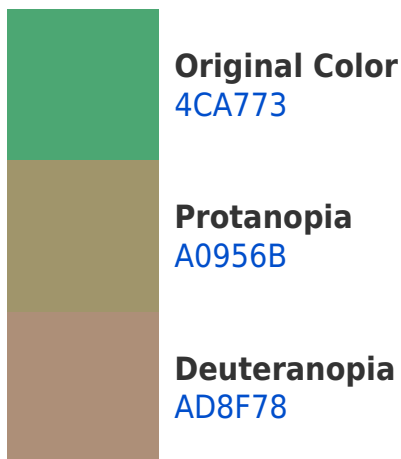


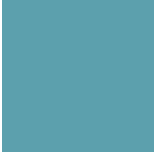
This preview shows how white text looks on a background with the Hex color 4CA773.

# Color Blindness Simulation

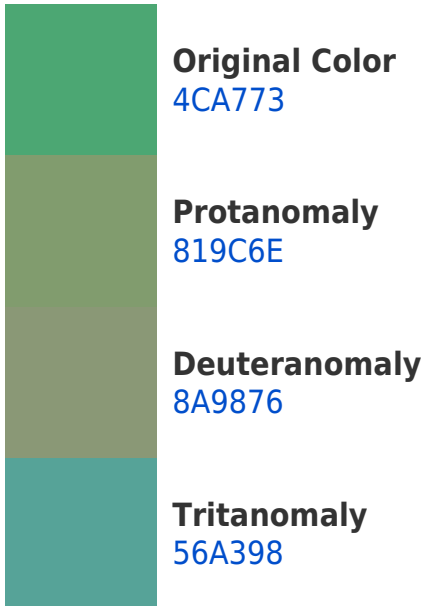
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA773 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 #4CA773 looks like.

```
.text, #text, p{  
    color:#4CA773  
}
```

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 #4CA773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA773
}
```

## Border

The CSS property to change the border of an element to Hex 4CA773 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
#4CA773 }
```

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

```
.border{ border-color:#4CA773 }
```

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

Here you see how a box with a 4 pixel #4CA773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA773; -webkit-box-shadow:4px 4px  
4px 4px #4CA773; box-shadow:4px 4px 4px  
4px #4CA773 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA773 }
```

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

```
.background{ background-color:#4CA773 }
```

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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