

# Converting Colors

Hex(4CA760)

Have a look what the booklet for  
Hex(4CA760) contains.

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**Color**

**Hex(4CA760)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CA760
RGB	76, 167, 96
RGB Percent	30%, 65%, 38%
CMY	0.7020, 0.3451, 0.6235
CMYK	0.54, 0.00, 0.43, 0.35
HSL	133°, 37%, 48%
HSV	133°, 54%, 65%
XYZ	18.9105, 30.0185, 15.8638
YIQ	131.6970, -31.4450, -41.3730

# Conversions

## Conversions Part 2

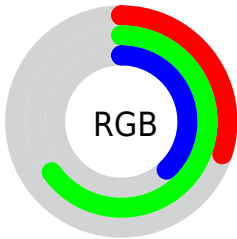
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 151, 167
Decimal	5023584
CIELab	61.67, -42.89, 28.67
CIELCh	62, 51.593, 146.236
Yxy	30.0185, 0.2919, 0.4633
Android (android.graphics.Color)	4283213664 (0xFF4CA760)
YUV	131.6970, -17.5986, -48.8463
Hunter-Lab	54.7891, -34.2714, 21.1854

# Details

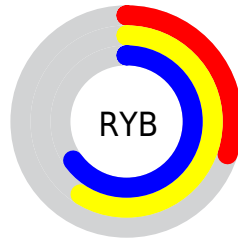
The Hex color **4CA760** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A74C93**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **84DF93**, and **057230** is the 20% darker color. If you saturate the color by 10%, you get **3BA753**, and if you desaturate by 10%, it is **5DA76D**.

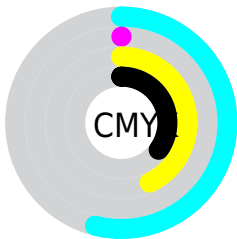
# Distribution



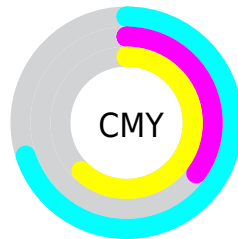
- Red (30%)
- Green (65%)
- Blue (38%)



- Red (30%)
- Yellow (59%)
- Blue (65%)



- Cyan (54%)
- Magenta (0%)
- Yellow (43%)
- Black (35%)



- Cyan (70%)
- Magenta (35%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CA760 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 4CA760 by changing the saturation by 10% instead.





4CA760



4CA760

FFFFFF



2F8C48



84DF93



057230



A0FCAE



005919



BCFFCA



004001



D9FFE6



002B00



F6FFFF



000B00



000000



4CA760



4CA760



3BA753



5DA76D

 2BA746

 6DA77A

 1AA739

 7EA787

 09A72C

 8FA794

 00A725

 9FA7A1

 B0A7AE

 C1A7BB

 D2A7C8

 E2A7D5

# Harmonies

## Analogous

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



879E3E



4CA760



00AB8D

# Triad

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



4CA760



0A9CF0



E8706F

# Complementary

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



4CA760



A74C93

# 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.



E56D9D



4CA760



8D8BE7

# Square

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



4CA760



00A6E0



C779C8



D67F4A

# Rectangle

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



4CA760



00ACAD



C779C8



EA6E7E



# Sweetspot

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



4CA760



B6D9BE



93A74C



596E5D



EDEDED



6E6E6E



# Same Dimension

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



4CA760



4CD96B



4CA78D



4C544E



009421



001404



# Inverse Universe

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



A74C93



D94CBA



A74C66



544C52



940073



140010



# Previews

## White Background



This preview shows how the Hex color 4CA760 looks on a white background.

## Color Contrast Check

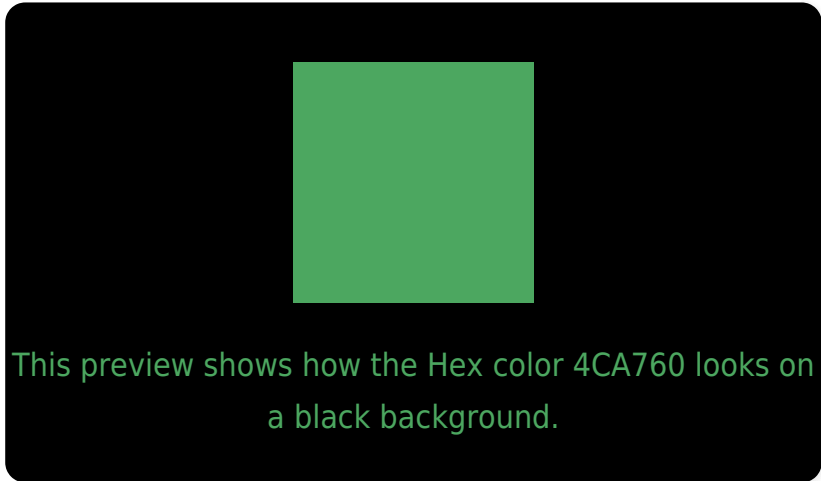
Large Text (above 18pt) WCAG AA ✓ Pass

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

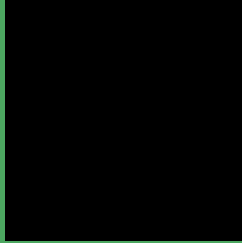
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CA760 Background



This preview shows how black text looks on a background with the Hex color 4CA760.



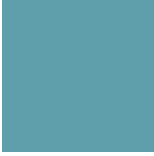
This preview shows how white text looks on a background with the Hex color 4CA760.

# 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**  
5F9EAB

# Trichromacy



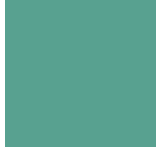
**Original Color**  
4CA760



**Protanomaly**  
839B5C



**Deuteranomaly**  
8C9764



**Tritanomaly**  
58A190

# Monochromacy



**Original Color**  
4CA760



**Achromatopsia**  
848484



**Achromatomaly**  
709177

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CA760 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 #4CA760 looks like.

```
.text, #text, p{  
    color:#4CA760  
}
```

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 #4CA760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA760
}
```

## Border

The CSS property to change the border of an element to Hex 4CA760 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
#4CA760 }
```

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

```
.border{ border-color:#4CA760 }
```

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

Here you see how a box with a 4 pixel #4CA760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA760; -webkit-box-shadow:4px 4px  
4px 4px #4CA760; box-shadow:4px 4px 4px  
4px #4CA760 }
```

# Background

The CSS property to change the background color of an element to Hex 4CA760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA760 }
```

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

```
.background{ background-color:#4CA760 }
```

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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