

Converting Colors

Hex(3CA860)

Have a look what the booklet for
Hex(3CA860) contains.

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Color

Hex(3CA860)

Conversions

Conversions Part 1

Format	Color
Hex	3CA860
RGB	60, 168, 96
RGB Percent	24%, 66%, 38%
CMY	0.7647, 0.3412, 0.6235
CMYK	0.64, 0.00, 0.43, 0.34
HSL	140°, 47%, 45%
HSV	140°, 64%, 66%
XYZ	17.9774, 29.8105, 15.8728
YIQ	127.5000, -41.2560, -45.2880

Conversions

Conversions Part 2

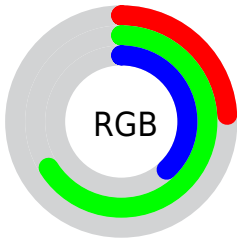
Format	Color
RYB	60, 141, 168
Decimal	3975264
CIELab	61.49, -47.00, 28.34
CIElCh	61, 54.884, 148.906
Yxy	29.8105, 0.2824, 0.4683
Android (android.graphics.Color)	4282165344 (0xFF3CA860)
YUV	127.5000, -15.5295, -59.1975
Hunter-Lab	54.5989, -36.7747, 20.9827

Details

The Hex color **3CA860** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A83C84**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **77E093**, and **007330** is the 20% darker color. If you saturate the color by 10%, you get **2BA855**, and if you desaturate by 10%, it is **4DA86B**.

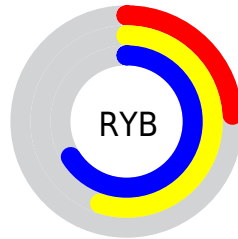
Distribution



Red (24%)

Green (66%)

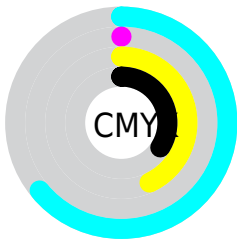
Blue (38%)



Red (24%)

Yellow (55%)

Blue (66%)

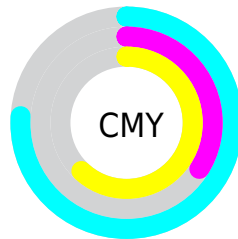


Cyan (64%)

Magenta (0%)

Yellow (43%)

Black (34%)



Cyan (76%)

Magenta (34%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA860 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 3CA860 by changing the saturation by 10% instead.

 3CA860

 3CA860

FFFFFF

 178D48

 77E093

 007330

 93FDAE

 005919

 B0FFCA

 004101

 CDFFE6

 002B00

 EAFFFF

 000A00

 000000

 3CA860

 3CA860

 2BA855

 4DA86B

■ 1AA84A

■ 5EA876

■ 0AA83E

■ 6EA882

■ 00A838

■ 7FA88D

■ 90A898

■ A1A8A3

■ B2A8AE

■ C2A8BA

■ D3A8C5

Harmonies

Analogous

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



809F39



3CA860



00AC91

Triad

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



3CA860



009AF6



EB6E68

Complementary

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



3CA860



A83C84

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.



EA6898



3CA860



9388EA

Square

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



3CA860



00A6E7



CE74C7



D67F41

Rectangle

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



3CA860



00ACB2



CE74C7



EE6A78

Sweetspot

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



3CA860



B2DBC0



84A83C



546E5D



EDEDED



6E6E6E

Same Dimension

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



3CA860



32DB6B



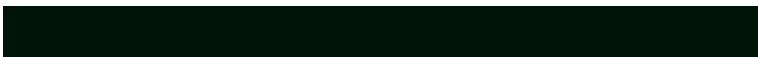
3CA896



4C544F



009431



001407

Inverse Universe

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



A83C84



DB32A3



A83C4E



544C51



940063



14000E

Previews

White Background



This preview shows how the Hex color 3CA860 looks on a white background.

Color Contrast Check

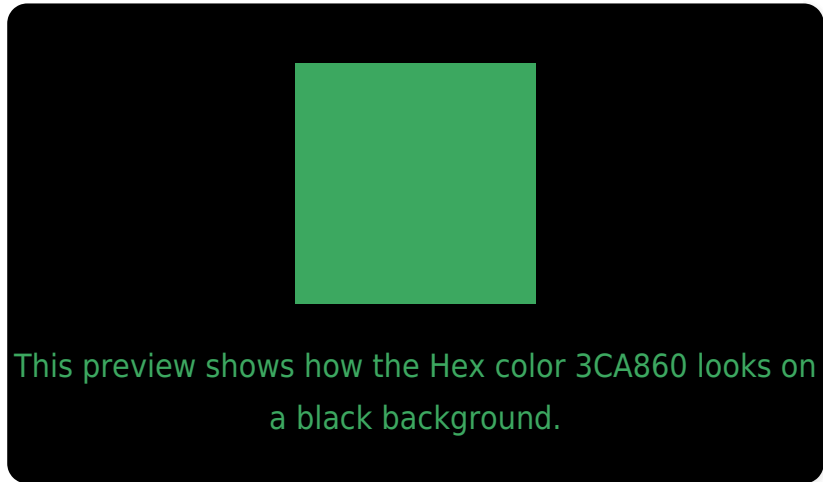
Large Text (above 18pt) WCAG AA ✓ Pass

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 3CA860 Background



This preview shows how black text looks on a background with the Hex color 3CA860.

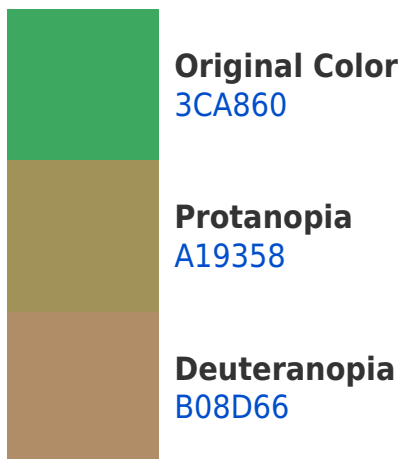


This preview shows how white text looks on a background with the Hex color 3CA860.

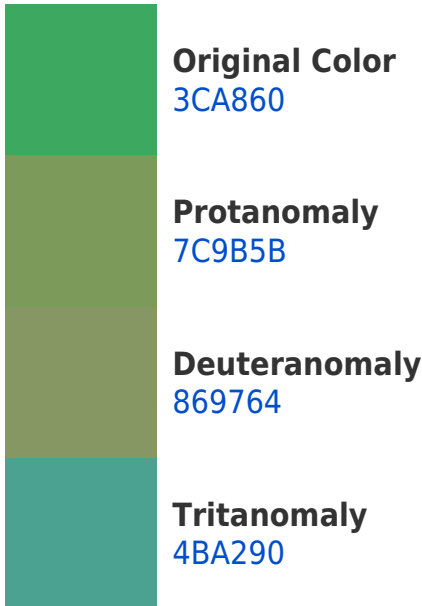
Color Blindness Simulation

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](#).

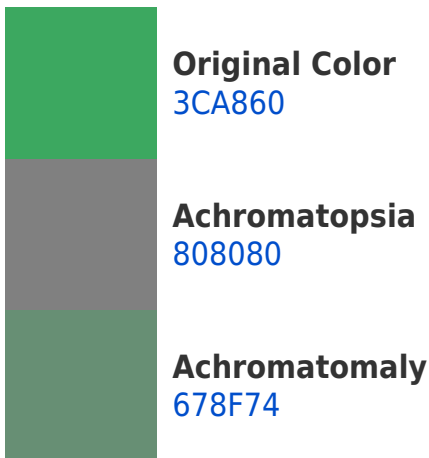
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA860 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 #3CA860 looks like.

```
.text, #text, p{  
    color:#3CA860  
}
```

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 #3CA860 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA860  
}
```

Border

The CSS property to change the border of an element to Hex 3CA860 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  
#3CA860 }
```

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

```
.border{ border-color:#3CA860 }
```

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

Here you see how a box with a 4 pixel #3CA860 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA860; -webkit-box-shadow:4px 4px  
4px 4px #3CA860; box-shadow:4px 4px 4px  
4px #3CA860 }
```

Background

The CSS property to change the background color of an element to Hex 3CA860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA860 }
```

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

```
.background{ background-color:#3CA860 }
```

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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