

Converting Colors

Hex(8CAA60)

Have a look what the booklet for
Hex(8CAA60) contains.

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Color

Hex(8CAA60)

Conversions

Conversions Part 1

Format	Color
Hex	8CAA60
RGB	140, 170, 96
RGB Percent	55%, 67%, 38%
CMY	0.4510, 0.3333, 0.6235
CMYK	0.18, 0.00, 0.44, 0.33
HSL	84°, 30%, 52%
HSV	84°, 44%, 67%
XYZ	27.3013, 35.1694, 16.4158
YIQ	152.5940, 5.8740, -29.3740

Conversions

Conversions Part 2

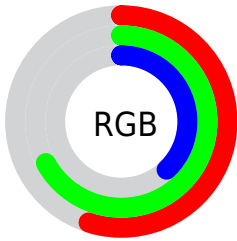
Format	Color
RYB	96, 170, 126
Decimal	9218656
CIELab	65.88, -23.03, 34.73
CIELCh	66, 41.670, 123.552
Yxy	35.1694, 0.3461, 0.4458
Android (android.graphics.Color)	4287408736 (0xFF8CAA60)
YUV	152.5940, -27.9008, -11.0449
Hunter-Lab	59.3038, -21.6069, 25.1007

Details

The Hex color **8CAA60** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7E60AA**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C3E194**, and **58762F** is the 20% darker color. If you saturate the color by 10%, you get **85AA4F**, and if you desaturate by 10%, it is **93AA71**.

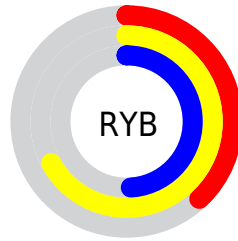
Distribution



Red (55%)

Green (67%)

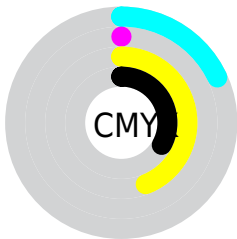
Blue (38%)



Red (38%)

Yellow (67%)

Blue (49%)

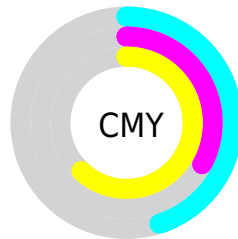


Cyan (18%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (45%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CAA60 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 8CAA60 by changing the saturation by 10% instead.

 8CAA60

 8CAA60

FFFFFF

 728F47

 C3E194

 58762F

 DFFEAF

 3F5D17

 FCFFCA

 274500

 FFFFE7

 0F2F00

 001C00

 000000

 8CAA60

 8CAA60

 85AA4F

 93AA71

7EAA3E

9AAA82

77AA2D

A1AA93

70AA1C

A8AAA4

6AAA0B

AEAAB5

65AA00

B5AAC6

BCAAD7

C3AAE8

CAAAF9

Harmonies

Analogous

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



B39F54



8CAA60



5DB17D

Triad

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



8CAA60



00ADE2



E6829D

Complementary

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



8CAA60



7E60AA

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.



D288C2



8CAA60



6DA2EA

Square

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



8CAA60



00B2C8



AA95DE



E58679

Rectangle

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



8CAA60



32B396



AA95DE



E283AA

Sweetspot

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



8CAA60



D2DEC1



AA7E60



69705E



F0F0F0



707070

Same Dimension

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



8CAA60



AFDE6A



67AA60



51544C



589400



0C1400

Inverse Universe

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



7E60AA



996ADE



A360AA



4F4C54



3C0094



080014

Previews

White Background



This preview shows how the Hex color 8CAA60 looks on a white background.

Color Contrast Check

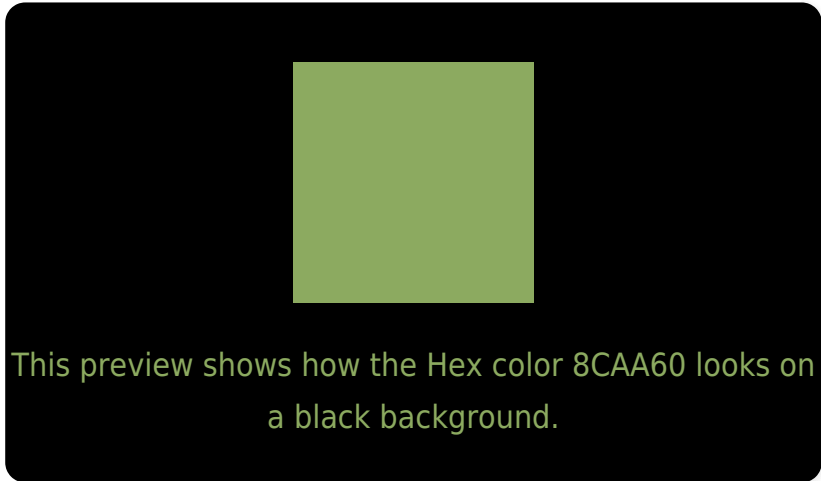
Large Text (above 18pt) WCAG AA × Fail

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

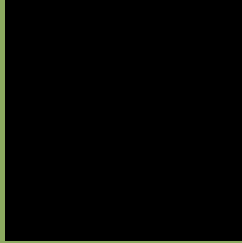
Any Text WCAG AA ✓ Pass

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 8CAA60 Background



This preview shows how black text looks on a background with the Hex color 8CAA60.

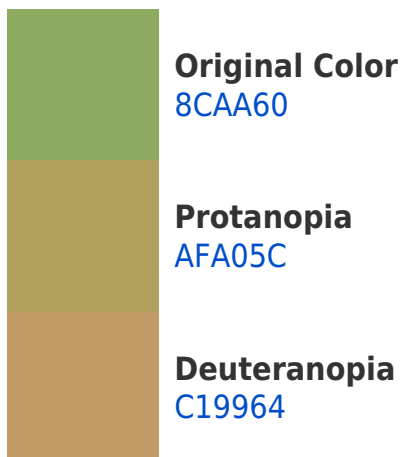


This preview shows how white text looks on a background with the Hex color 8CAA60.

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](#).

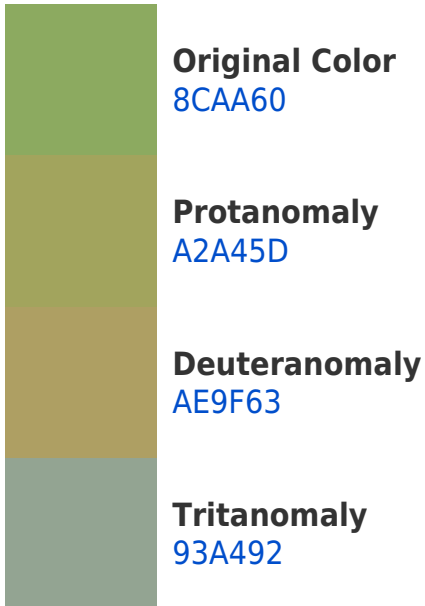
Dichromacy



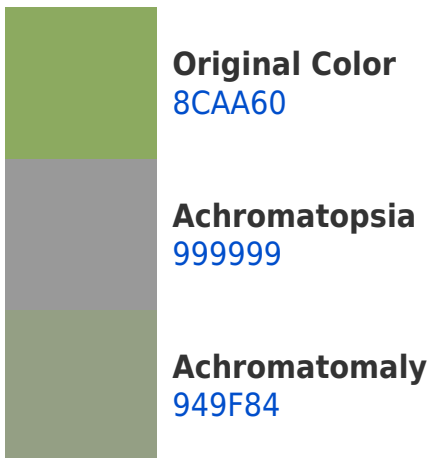


Tritanopia
97A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CAA60 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 #8CAA60 looks like.

```
.text, #text, p{  
    color:#8CAA60  
}
```

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 #8CAA60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAA60
}
```

Border

The CSS property to change the border of an element to Hex 8CAA60 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
#8CAA60 }
```

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

```
.border{ border-color:#8CAA60 }
```

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

Here you see how a box with a 4 pixel #8CAA60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAA60; -webkit-box-shadow:4px 4px  
4px 4px #8CAA60; box-shadow:4px 4px 4px  
4px #8CAA60 }
```

Background

The CSS property to change the background color of an element to Hex 8CAA60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAA60 }
```

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

```
.background{ background-color:#8CAA60 }
```

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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