

Converting Colors

Hex(8CA44F)

Have a look what the booklet for
Hex(8CA44F) contains.

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Color

Hex(8CA44F)

Conversions

Conversions Part 1

Format	Color
Hex	8CA44F
RGB	140, 164, 79
RGB Percent	55%, 64%, 31%
CMY	0.4510, 0.3569, 0.6902
CMYK	0.15, 0.00, 0.52, 0.36
HSL	77°, 35%, 48%
HSV	77°, 52%, 64%
XYZ	25.5020, 32.6909, 12.3630
YIQ	147.1340, 12.9810, -31.5230

Conversions

Conversions Part 2

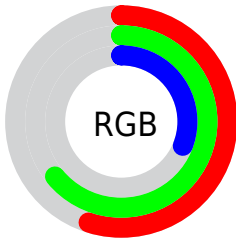
Format	Color
RYB	79, 164, 103
Decimal	9217103
CIELab	63.91, -21.95, 40.93
CIELCh	64, 46.443, 118.204
Yxy	32.6909, 0.3614, 0.4633
Android (android.graphics.Color)	4287407183 (0xFF8CA44F)
YUV	147.1340, -33.5901, -6.2565
Hunter-Lab	57.1759, -20.4422, 27.2030

Details

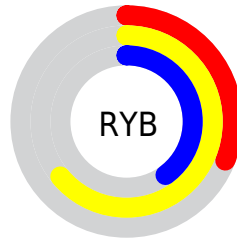
The Hex color **8CA44F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **674FA4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C3DB82**, and **58701D** is the 20% darker color. If you saturate the color by 10%, you get **87A43F**, and if you desaturate by 10%, it is **91A45F**.

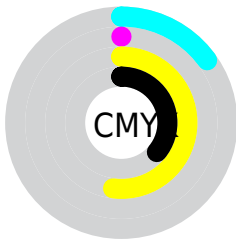
Distribution



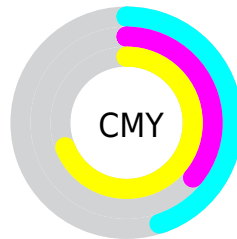
- Red (55%)
- Green (64%)
- Blue (31%)



- Red (31%)
- Yellow (64%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (52%)
- Black (36%)



- Cyan (45%)
- Magenta (36%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA44F 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 8CA44F by changing the saturation by 10% instead.



8CA44F



8CA44F

FFFFFF



718A36



C3DB82



58701D



E0F89D



3F5800



FDFFB8



274000



FFFFD4



0C2A00



FFFFFF1



001600



000000



8CA44F



8CA44F



87A43F



91A45F

 83A42E

 95A470

 7EA41E

 9AA480

 79A40D

 9FA491

 76A400

 A3A4A1

 A8A4B1

 ACA4C2

 B1A4D2

 B6A4E3

Harmonies

Analogous

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



B69846



8CA44F



58AC6E

Triad

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



8CA44F



00AAE0



E5789F

Complementary

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



8CA44F



674FA4

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.



CC81C7



8CA44F



4AA0ED

Square

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



8CA44F



00AFC1



9A91E4



E77C76

Rectangle

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



8CA44F



1EAF89



9A91E4



DF7AAD

Sweetspot

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



8CA44F



CDD6B4



A4664F



656B57



EBEBEB



6B6B6B

Same Dimension

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



8CA44F



B1D651



63A44F



4F5249



689100



0D1200

Inverse Universe

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



674FA4



7751D6



904FA4



4C4952



290091



050012

Previews

White Background



This preview shows how the Hex color 8CA44F looks on a white background.

Color Contrast Check

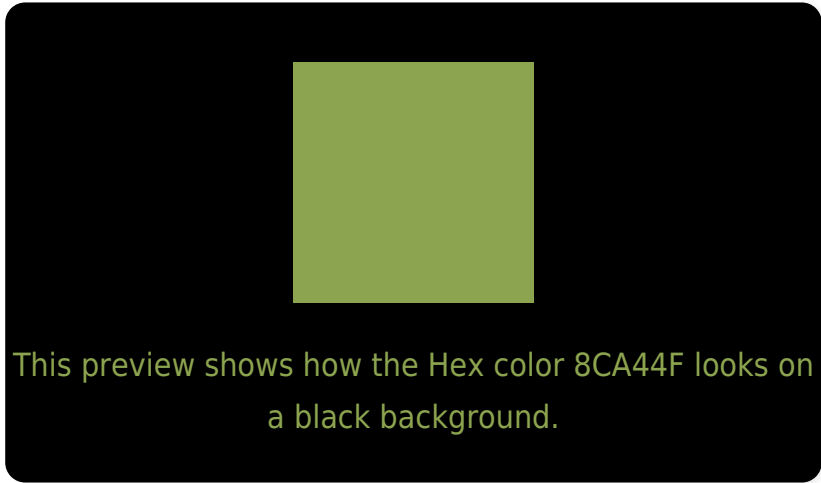
Large Text (above 18pt) WCAG AA × Fail

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 8CA44F Background



This preview shows how black text looks on a background with the Hex color 8CA44F.



This preview shows how white text looks on a background with the Hex color 8CA44F.

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



Original Color
8CA44F

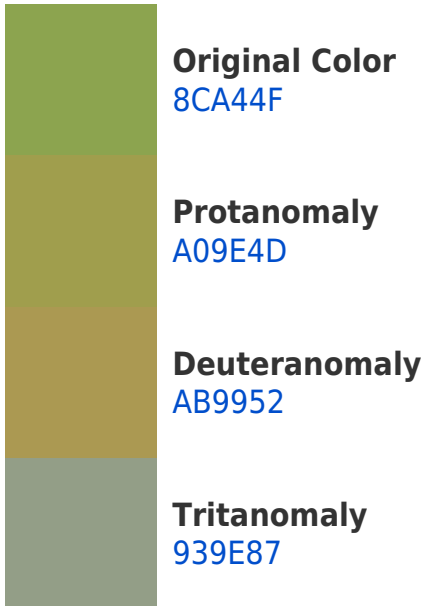
Protanopia
AB9B4C

Deuteranopia
BD9353

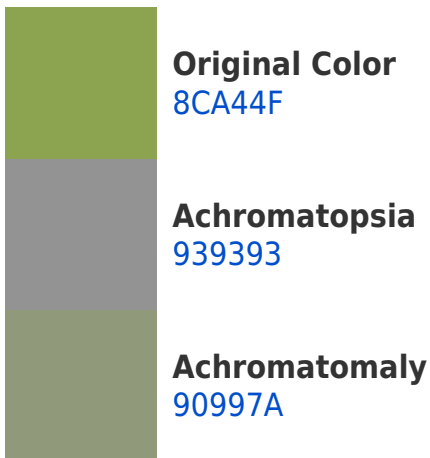


Tritanopia
979AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA44F 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 #8CA44F looks like.

```
.text, #text, p{  
    color:#8CA44F  
}
```

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 #8CA44F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA44F
}
```

Border

The CSS property to change the border of an element to Hex 8CA44F 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
#8CA44F }
```

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

```
.border{ border-color:#8CA44F }
```

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

Here you see how a box with a 4 pixel #8CA44F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA44F; -webkit-box-shadow:4px 4px  
4px 4px #8CA44F; box-shadow:4px 4px 4px  
4px #8CA44F }
```

Background

The CSS property to change the background color of an element to Hex 8CA44F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA44F }
```

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

```
.background{ background-color:#8CA44F }
```

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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