

Converting Colors

Hex(8CA75A)

Have a look what the booklet for
Hex(8CA75A) contains.

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Color

Hex(8CA75A)

Conversions

Conversions Part 1

Format	Color
Hex	8CA75A
RGB	140, 167, 90
RGB Percent	55%, 65%, 35%
CMY	0.4510, 0.3451, 0.6471
CMYK	0.16, 0.00, 0.46, 0.35
HSL	81°, 30%, 50%
HSV	81°, 46%, 65%
XYZ	26.4794, 33.9511, 14.8305
YIQ	150.1490, 8.6250, -29.6710

Conversions

Conversions Part 2

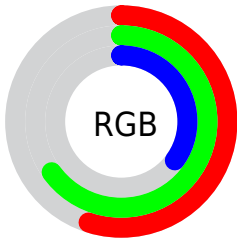
Format	Color
RYB	90, 167, 117
Decimal	9217882
CIELab	64.92, -22.25, 36.62
CIElCh	65, 42.851, 121.284
Yxy	33.9511, 0.3518, 0.4511
Android (android.graphics.Color)	4287407962 (0xFF8CA75A)
YUV	150.1490, -29.6535, -8.9007
Hunter-Lab	58.2675, -20.8498, 25.6966

Details

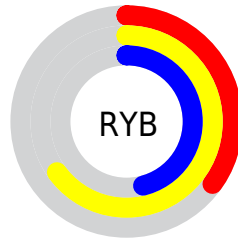
The Hex color **8CA75A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **755AA7**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **C3DE8E**, and **587329** is the 20% darker color. If you saturate the color by 10%, you get **86A749**, and if you desaturate by 10%, it is **92A76B**.

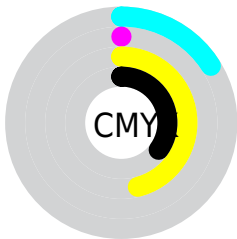
Distribution



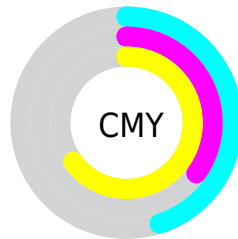
- Red (55%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA75A 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 8CA75A by changing the saturation by 10% instead.



8CA75A



8CA75A

FFFFFF



728D41



C3DE8E



587329



DFFBA8



3F5A10



FCFFC4



274300



FFFFE0



0F2C00

FFFFFFD



001A00



000000



8CA75A



8CA75A



86A749



92A76B

 80A739

 98A77B

 7AA728

 9EA78C

 75A717

 A3A79D

 6FA706

 A9A7AD

 6CA700

 AFA7BE

 B5A7CF

 BBA7E0

 C1A7F0

Harmonies

Analogous

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



B49C4F



8CA75A



5CAE77

Triad

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



8CA75A



00ABE0



E47E9D

Complementary

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



8CA75A



755AA7

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.



CF85C3



8CA75A



62A1EA

Square

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



8CA75A



00B0C4



A393DF



E48278

Rectangle

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



8CA75A



2EB191



A393DF



DF7FAA

Sweetspot

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



8CA75A



CED9BA



A7755A



676E5B



EDEDED



6E6E6E

Same Dimension

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



8CA75A



AFD962



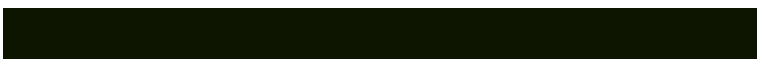
66A75A



51544C



609400



0D1400

Inverse Universe

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



755AA7



8B62D9



9B5AA7



4F4C54



340094



070014

Previews

White Background



This preview shows how the Hex color 8CA75A looks on a white background.

Color Contrast Check

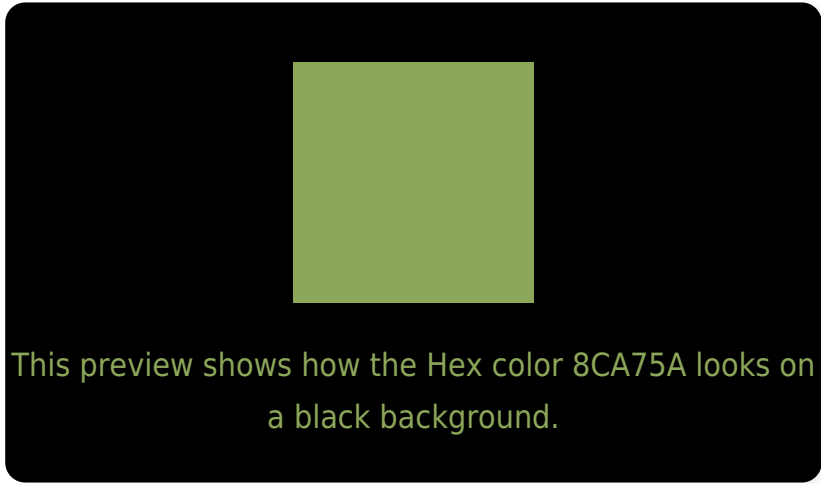
Large Text (above 18pt) WCAG AA × Fail

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 8CA75A Background



This preview shows how black text looks on a background with the Hex color 8CA75A.

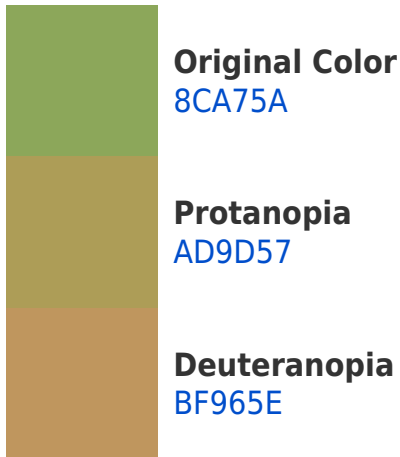


This preview shows how white text looks on a background with the Hex color 8CA75A.

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](#).

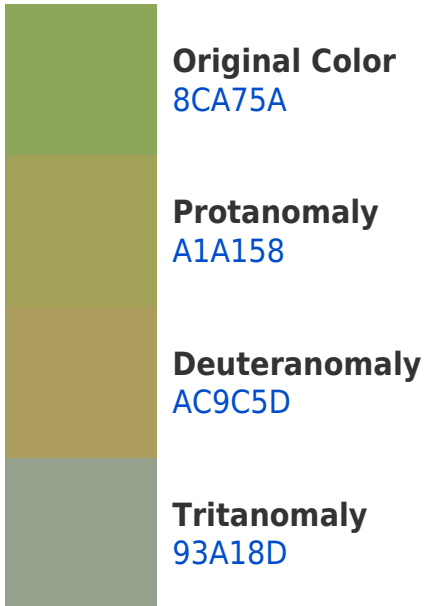
Dichromacy



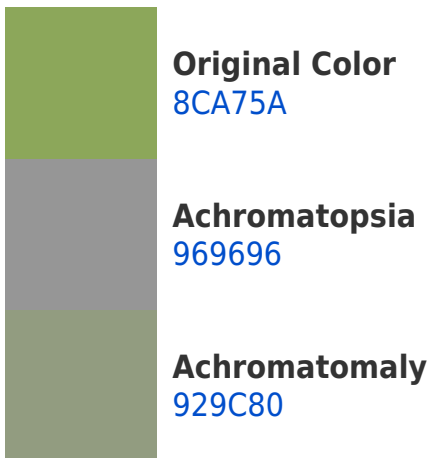


Tritanopia
979EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA75A 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 #8CA75A looks like.

```
.text, #text, p{  
    color:#8CA75A  
}
```

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 #8CA75A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA75A
}
```

Border

The CSS property to change the border of an element to Hex 8CA75A 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
#8CA75A }
```

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

```
.border{ border-color:#8CA75A }
```

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

Here you see how a box with a 4 pixel #8CA75A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA75A; -webkit-box-shadow:4px 4px  
4px 4px #8CA75A; box-shadow:4px 4px 4px  
4px #8CA75A }
```

Background

The CSS property to change the background color of an element to Hex 8CA75A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA75A }
```

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

```
.background{ background-color:#8CA75A }
```

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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