

Converting Colors

Hex(8CA545)

Have a look what the booklet for
Hex(8CA545) contains.

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Color

Hex(8CA545)

Conversions

Conversions Part 1

Format	Color
Hex	8CA545
RGB	140, 165, 69
RGB Percent	55%, 65%, 27%
CMY	0.4510, 0.3529, 0.7294
CMYK	0.15, 0.00, 0.58, 0.35
HSL	76°, 41%, 46%
HSV	76°, 58%, 65%
XYZ	25.3445, 32.9154, 10.6477
YIQ	146.5810, 15.9160, -35.1560

Conversions

Conversions Part 2

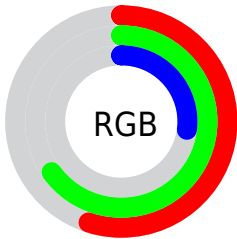
Format	Color
RYB	69, 165, 94
Decimal	9217349
CIELab	64.09, -23.40, 45.95
CIElCh	64, 51.563, 116.990
Yxy	32.9154, 0.3678, 0.4777
Android (android.graphics.Color)	4287407429 (0xFF8CA545)
YUV	146.5810, -38.2474, -5.7715
Hunter-Lab	57.3719, -21.5470, 29.1566

Details

The Hex color **8CA545** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5E45A5**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **C3DC79**, and **57710F** is the 20% darker color. If you saturate the color by 10%, you get **88A534**, and if you desaturate by 10%, it is **90A555**.

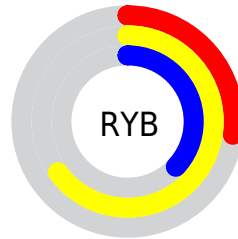
Distribution



Red (55%)

Green (65%)

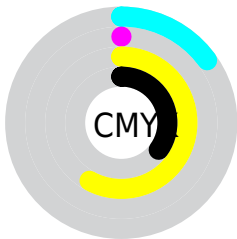
Blue (27%)



Red (27%)

Yellow (65%)

Blue (37%)

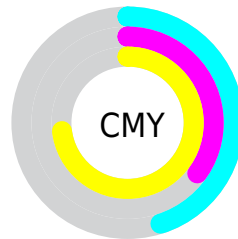


Cyan (15%)

Magenta (0%)

Yellow (58%)

Black (35%)



Cyan (45%)

Magenta (35%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CA545 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 8CA545 by changing the saturation by 10% instead.



8CA545



8CA545

FFFFFF



718B2B



C3DC79



57710F



E0F993



3E5900



FDFFAF



254100



FFFFCB



092B00



FFFFE7



001700



000000



8CA545



8CA545



88A534



90A555

 83A524

 95A566

 7FA513

 99A576

 7BA503

 9DA587

 7AA500

 A1A597

 A6A5A8

 AAA5B8

 AEA5C9

 B3A5D9

Harmonies

Analogous

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



B9973B



8CA545



51AE67

Triad

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



8CA545



00ADE8



ED74A2

Complementary

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



8CA545



5E45A5

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.



CF7FCE



8CA545



29A2F7

Square

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



8CA545



00B2C4



9691ED



EF7774

Rectangle

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



8CA545



00B185



9691ED



E676B1

Sweetspot

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



8CA545



CDD6B2



A55D45



666B56



EBEBEB



6B6B6B

Same Dimension

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



8CA545



AFD640



5DA545



4F5249



6B9100



0D1200

Inverse Universe

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



5E45A5



6740D6



8D45A5



4C4952



260091



050012

Previews

White Background



This preview shows how the Hex color 8CA545 looks on a white background.

Color Contrast Check

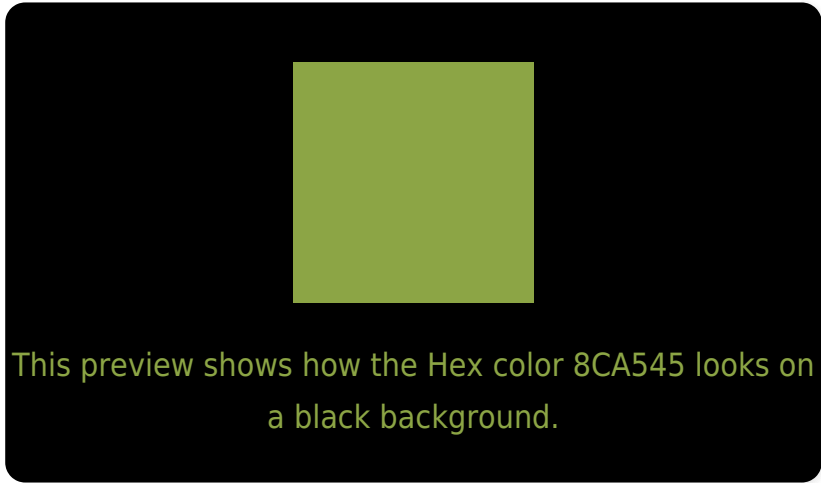
Large Text (above 18pt) WCAG AA × Fail

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

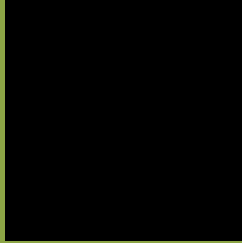
Any Text WCAG AA ✓ Pass

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 8CA545 Background



This preview shows how black text looks on a background with the Hex color 8CA545.

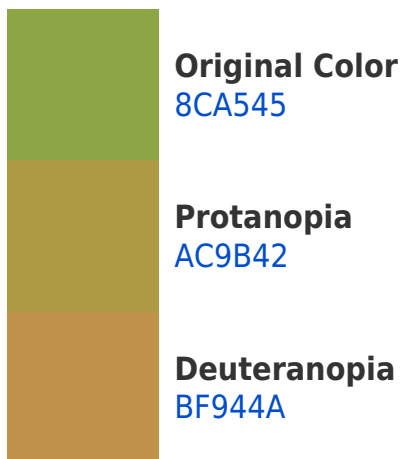


This preview shows how white text looks on a background with the Hex color 8CA545.

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](#).

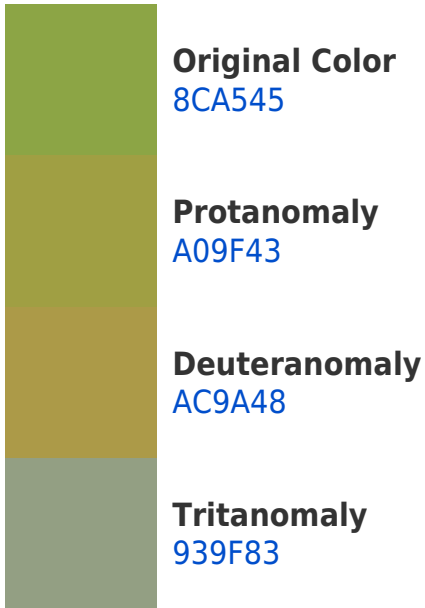
Dichromacy



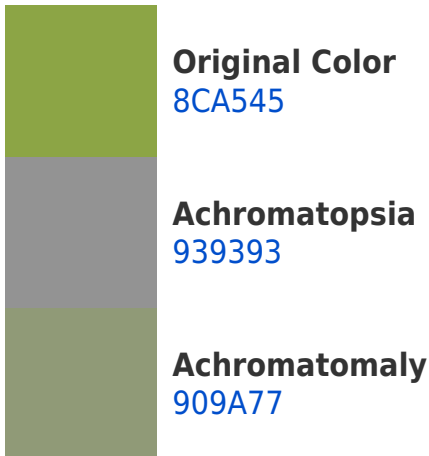


Tritanopia
979BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CA545 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 #8CA545 looks like.

```
.text, #text, p{  
    color:#8CA545  
}
```

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 #8CA545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CA545
}
```

Border

The CSS property to change the border of an element to Hex 8CA545 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
#8CA545 }
```

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

```
.border{ border-color:#8CA545 }
```

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

Here you see how a box with a 4 pixel #8CA545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CA545; -webkit-box-shadow:4px 4px  
4px 4px #8CA545; box-shadow:4px 4px 4px  
4px #8CA545 }
```

Background

The CSS property to change the background color of an element to Hex 8CA545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CA545 }
```

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

```
.background{ background-color:#8CA545 }
```

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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