

Converting Colors

Hex(8CAF44)

Have a look what the booklet for
Hex(8CAF44) contains.

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Color

Hex(8CAF44)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF44
RGB	140, 175, 68
RGB Percent	55%, 69%, 27%
CMY	0.4510, 0.3137, 0.7333
CMYK	0.20, 0.00, 0.61, 0.31
HSL	80°, 44%, 48%
HSV	80°, 61%, 69%
XYZ	27.1886, 36.6527, 11.1105
YIQ	152.3370, 13.4870, -40.6970

Conversions

Conversions Part 2

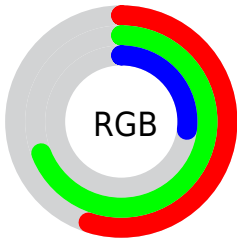
Format	Color
RYB	68, 175, 103
Decimal	9219908
CIELab	67.02, -28.38, 49.67
CIELCh	67, 57.207, 119.741
Yxy	36.6527, 0.3627, 0.4890
Android (android.graphics.Color)	4287409988 (0xFF8CAF44)
YUV	152.3370, -41.5781, -10.8195
Hunter-Lab	60.5415, -25.7851, 31.4982

Details

The Hex color **8CAF44** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6744AF**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **C4E778**, and **577A0A** is the 20% darker color. If you saturate the color by 10%, you get **86AF33**, and if you desaturate by 10%, it is **92AF56**.

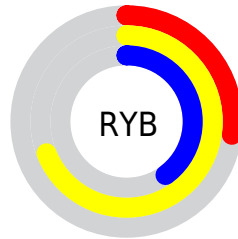
Distribution



Red (55%)

Green (69%)

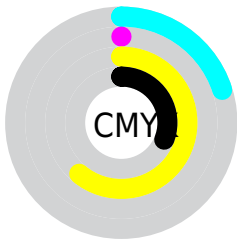
Blue (27%)



Red (27%)

Yellow (69%)

Blue (40%)

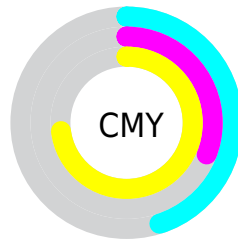


Cyan (20%)

Magenta (0%)

Yellow (61%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CAF44 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 8CAF44 by changing the saturation by 10% instead.



8CAF44



8CAF44

FFFFFF



71942A



C4E778



577A0A



E1FF93



3C6100



FEFFAF



234900



FFFFCB



033200



FFFFE7



002000



000000



8CAF44



8CAF44



86AF33



92AF56

 81AF21

 97AF67

 7BAF10

 9DAF79

 76AF00

 A3AF8A

 A9AF9C

 AEAFFAD

 B4AFBF

 BAAFD0

 C0AFE2

Harmonies

Analogous

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



C0A035



8CAF44



44B86D

Triad

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



8CAF44



00B6FB



FF75A6

Complementary

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



8CAF44



6744AF

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.



E181D8



8CAF44



24A9FF

Square

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



8CAF44



00BCD5



A496FD



FF7B73

Rectangle

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



8CAF44



00BB8F



A496FD



F877B7

Sweetspot

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



8CAF44



D6E3BA



AF6644



6A735A



F2F2F2



737373

Same Dimension

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



8CAF44



ADE33D



58AF44



54574E



659600



0F1700

Inverse Universe

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



6744AF



733DE3



9B44AF



514E57



310096



080017

Previews

White Background



This preview shows how the Hex color 8CAF44 looks on a white background.

Color Contrast Check

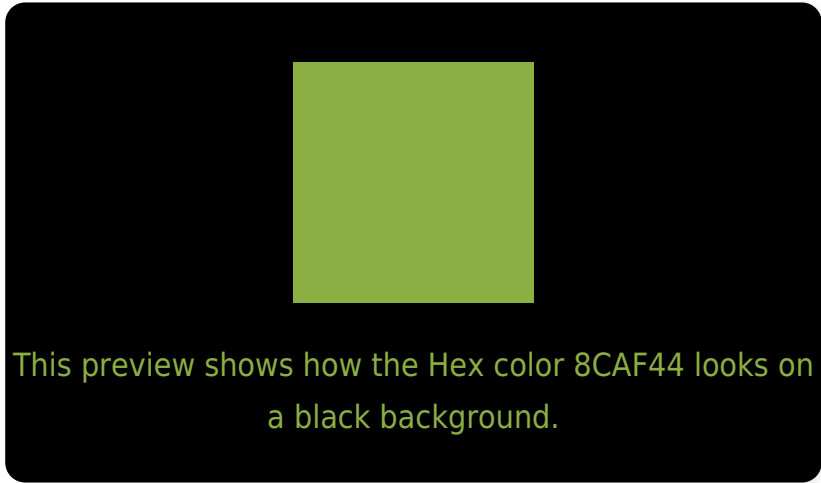
Large Text (above 18pt) WCAG AA × Fail

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 8CAF44 Background



This preview shows how black text looks on a background with the Hex color 8CAF44.

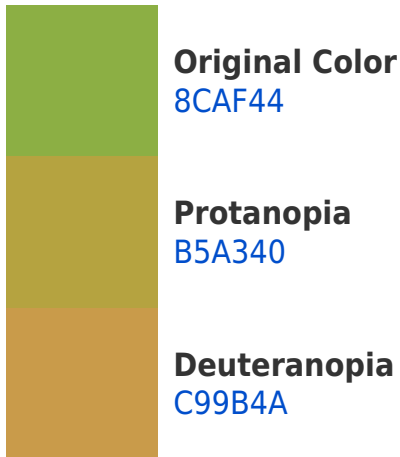


This preview shows how white text looks on a background with the Hex color 8CAF44.

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](#).

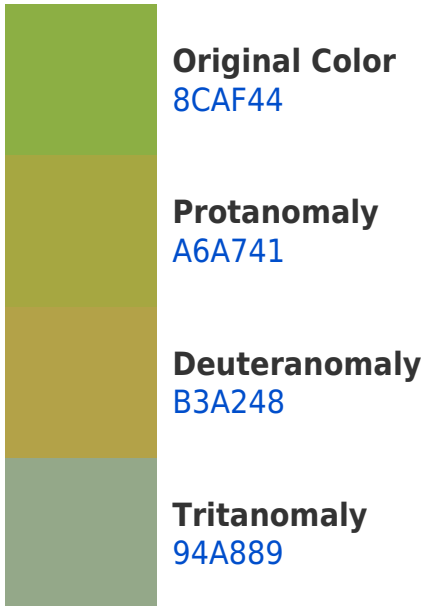
Dichromacy



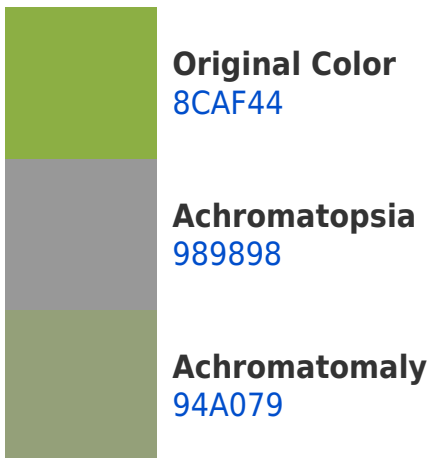


Tritanopia
99A4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CAF44 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 #8CAF44 looks like.

```
.text, #text, p{  
    color:#8CAF44  
}
```

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 #8CAF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAF44
}
```

Border

The CSS property to change the border of an element to Hex 8CAF44 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
#8CAF44 }
```

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

```
.border{ border-color:#8CAF44 }
```

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

Here you see how a box with a 4 pixel #8CAF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAF44; -webkit-box-shadow:4px 4px  
4px 4px #8CAF44; box-shadow:4px 4px 4px  
4px #8CAF44 }
```

Background

The CSS property to change the background color of an element to Hex 8CAF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAF44 }
```

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

```
.background{ background-color:#8CAF44 }
```

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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