

Converting Colors

Hex(8CAF76)

Have a look what the booklet for
Hex(8CAF76) contains.

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Color

Hex(8CAF76)

Conversions

Conversions Part 1

Format	Color
Hex	8CAF76
RGB	140, 175, 118
RGB Percent	55%, 69%, 46%
CMY	0.4510, 0.3137, 0.5373
CMYK	0.20, 0.00, 0.33, 0.31
HSL	97°, 26%, 57%
HSV	97°, 33%, 69%
XYZ	29.4152, 37.5434, 22.8358
YIQ	158.0370, -2.5630, -25.1470

Conversions

Conversions Part 2

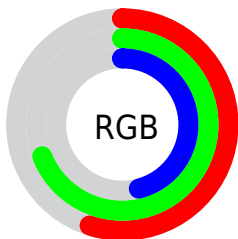
Format	Color
RYB	118, 175, 153
Decimal	9219958
CIELab	67.68, -22.50, 25.45
CIELCh	68, 33.970, 131.470
Yxy	37.5434, 0.3276, 0.4181
Android (android.graphics.Color)	4287410038 (0xFF8CAF76)
YUV	158.0370, -19.7382, -15.8184
Hunter-Lab	61.2727, -21.5346, 20.7940

Details

The Hex color **8CAF76** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9976AF**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **C2E7AB**, and **597A45** is the 20% darker color. If you saturate the color by 10%, you get **81AF65**, and if you desaturate by 10%, it is **97AF88**.

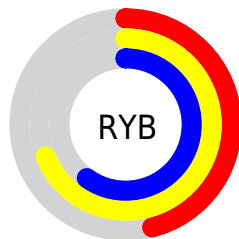
Distribution



Red (55%)

Green (69%)

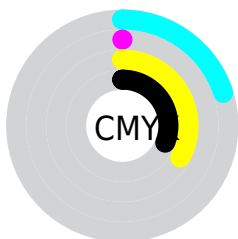
Blue (46%)



Red (46%)

Yellow (69%)

Blue (60%)

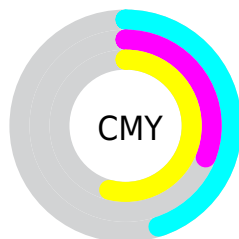


Cyan (20%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8CAF76 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 8CAF76 by changing the saturation by 10% instead.



8CAF76



8CAF76

FFFFFF



72945D



C2E7AB



597A45



DFFFC6



40612E



FBFEE2



294918



123200



001F00



000000



8CAF76



8CAF76



81AF65



97AF88

 77AF53

 A1AF99

 6CAF42

 ACAFAB

 61AF30

 B7AFBC

 56AF1E

 C2AFCE

 4CAF0D

 CCAFDF

 44AF00

 D7AFF1

 E2AFFF

 EDAFFF

Harmonies

Analogous

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



AEA768



8CAF76



67B490

Triad

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



8CAF76



5BADDE



E18D9A

Complementary

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



8CAF76



9976AF

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.



D590B9



8CAF76



8DA4E1

Square

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



8CAF76



36B3CC



B899D3



DC937E

Rectangle

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



8CAF76



4DB5A5



B899D3



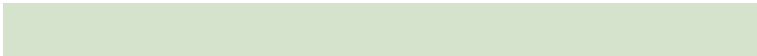
DF8DA5

Sweetspot

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



8CAF76



D5E3CC



AF9876



6A7365



F2F2F2



737373

Same Dimension

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



8CAF76



ADE38A



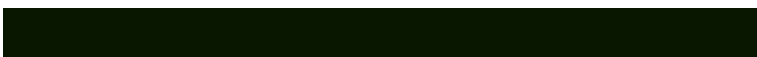
76AF7C



51574E



3A9600



091700

Inverse Universe

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



9976AF



C18AE3



AF76A9



534E57



5C0096



0E0017

Previews

White Background



This preview shows how the Hex color 8CAF76 looks on a white background.

Color Contrast Check

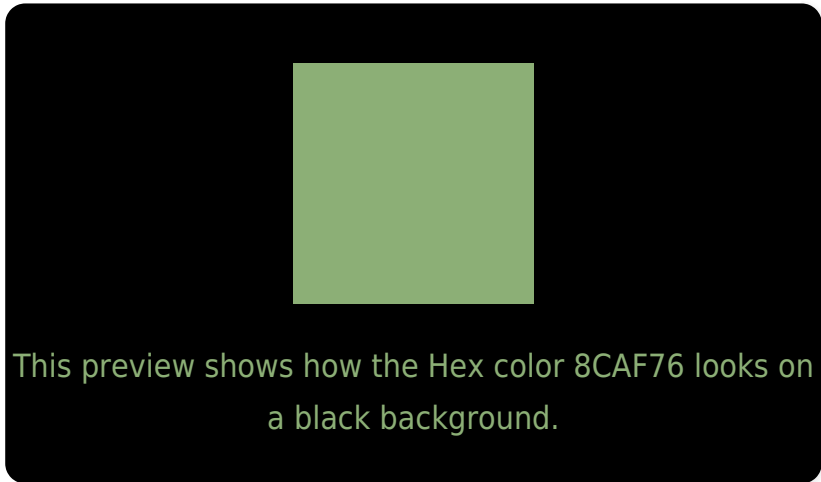
Large Text (above 18pt) WCAG AA × Fail

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

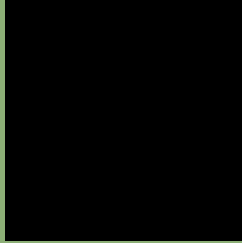
Any Text WCAG AA ✓ Pass

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 8CAF76 Background



This preview shows how black text looks on a background with the Hex color 8CAF76.

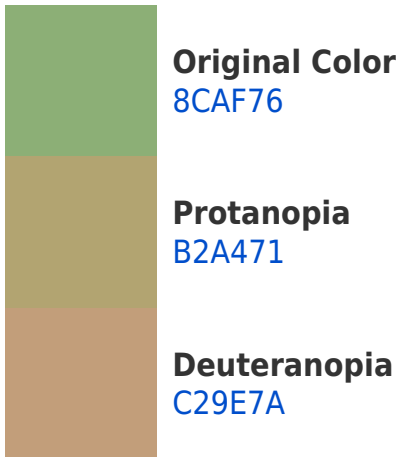


This preview shows how white text looks on a background with the Hex color 8CAF76.

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](#).

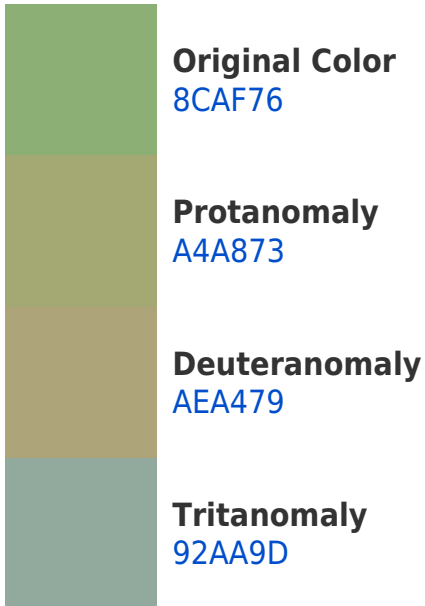
Dichromacy



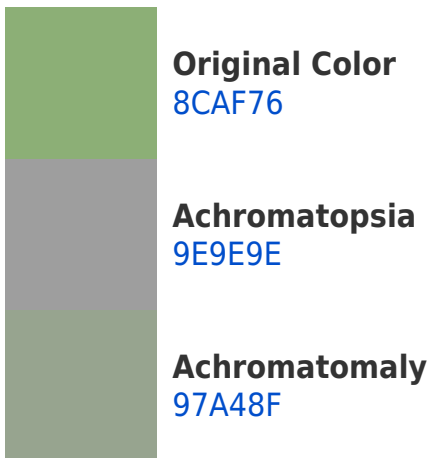


Tritanopia
96A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8CAF76 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 #8CAF76 looks like.

```
.text, #text, p{  
    color:#8CAF76  
}
```

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 #8CAF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CAF76
}
```

Border

The CSS property to change the border of an element to Hex 8CAF76 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
#8CAF76 }
```

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

```
.border{ border-color:#8CAF76 }
```

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

Here you see how a box with a 4 pixel #8CAF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CAF76; -webkit-box-shadow:4px 4px  
4px 4px #8CAF76; box-shadow:4px 4px 4px  
4px #8CAF76 }
```

Background

The CSS property to change the background color of an element to Hex 8CAF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CAF76 }
```

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

```
.background{ background-color:#8CAF76 }
```

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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