

Converting Colors

Hex(7CAF63)

Have a look what the booklet for
Hex(7CAF63) contains.

Hex(7CAF63)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7CAF63)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF63
RGB	124, 175, 99
RGB Percent	49%, 69%, 39%
CMY	0.5137, 0.3137, 0.6118
CMYK	0.29, 0.00, 0.43, 0.31
HSL	100°, 32%, 54%
HSV	100°, 43%, 69%
XYZ	25.8943, 35.8459, 17.3586
YIQ	151.0870, -6.0000, -34.4480

Conversions

Conversions Part 2

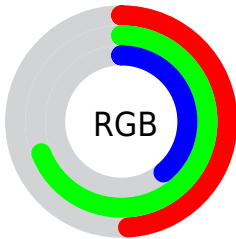
Format	Color
RYB	99, 175, 150
Decimal	8171363
CIELab	66.40, -31.05, 33.63
CIELCh	66, 45.767, 132.716
Yxy	35.8459, 0.3274, 0.4532
Android (android.graphics.Color)	4286361443 (0xFF7CAF63)
YUV	151.0870, -25.6789, -23.7553
Hunter-Lab	59.8714, -27.5741, 24.7200

Details

The Hex color **7CAF63** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9663AF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2E797**, and **487A32** is the 20% darker color. If you saturate the color by 10%, you get **70AF52**, and if you desaturate by 10%, it is **88AF75**.

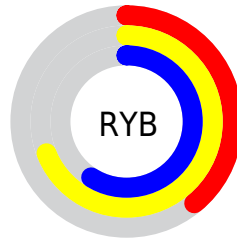
Distribution



Red (49%)

Green (69%)

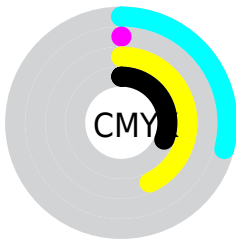
Blue (39%)



Red (39%)

Yellow (69%)

Blue (59%)

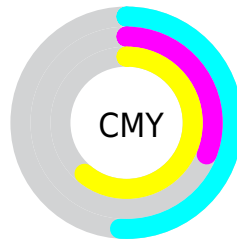


Cyan (29%)

Magenta (0%)

Yellow (43%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAF63 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 7CAF63 by changing the saturation by 10% instead.

 7CAF63

 7CAF63

FFFFFF

 62944A

 B2E797

 487A32

 CEFFB2

 2F611A

 EBFFCE

 144901

 FFFFEA

 003200

 001E00

 000000

 7CAF63

 7CAF63

 70AF52

 88AF75

 65AF40

 93AF86

 59AF2F

 9FAF98

 4DAF1D

 ABAFA9

 41AF0C

 B7AFBB

 3AAF00

 C2AFCC

 CEAFFD

 DAAFEF

 E6AFFF

Harmonies

Analogous

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



A9A54F



7CAF63



3FB588

Triad

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



7CAF63



00ACEF



F08091

Complementary

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



7CAF63



9663AF

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.



E283BB



7CAF63



7EA0F2

Square

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



7CAF63



00B4D8



BC90DE



E8886C

Rectangle

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



7CAF63



00B7A4



BC90DE



ED7F9F

Sweetspot

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



7CAF63



CFE3C5



AF9663



667360



F2F2F2



737373

Same Dimension

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



7CAF63



94E36D



63AF70



51574E



319600



081700

Inverse Universe

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



9663AF



BC6DE3



AF63A2



544E57



650096



0F0017

Previews

White Background



This preview shows how the Hex color 7CAF63 looks on a white background.

Color Contrast Check

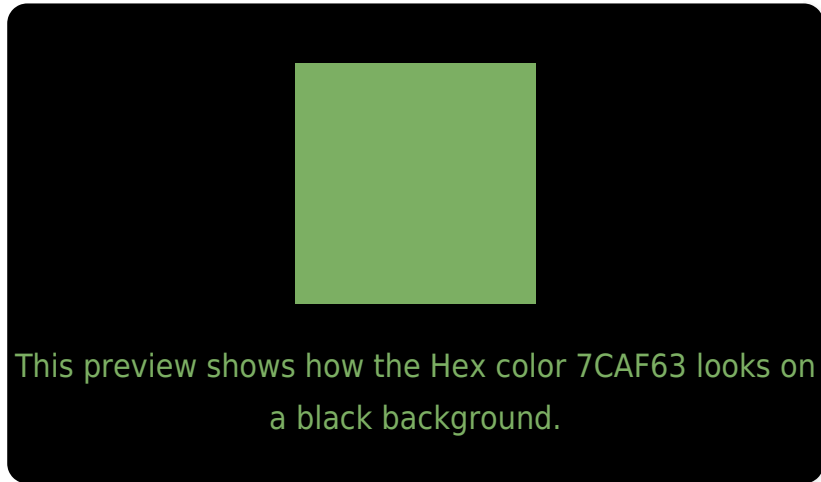
Large Text (above 18pt) WCAG AA × Fail

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 7CAF63 Background



This preview shows how black text looks on a background with the Hex color 7CAF63.

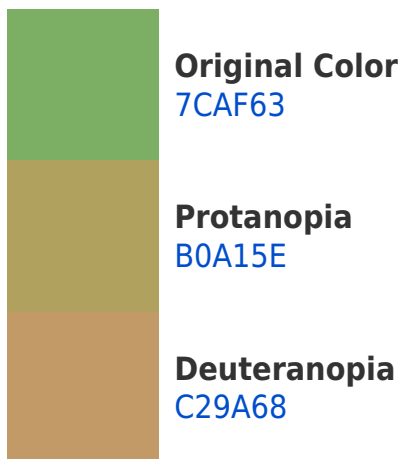


This preview shows how white text looks on a background with the Hex color 7CAF63.

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](#).

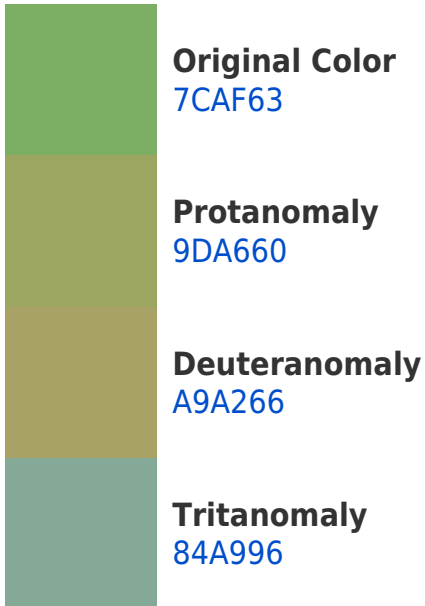
Dichromacy





Tritanopia
89A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAF63 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 #7CAF63 looks like.

```
.text, #text, p{  
    color:#7CAF63  
}
```

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 #7CAF63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAF63
}
```

Border

The CSS property to change the border of an element to Hex 7CAF63 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
#7CAF63 }
```

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

```
.border{ border-color:#7CAF63 }
```

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

Here you see how a box with a 4 pixel #7CAF63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAF63; -webkit-box-shadow:4px 4px  
4px 4px #7CAF63; box-shadow:4px 4px 4px  
4px #7CAF63 }
```

Background

The CSS property to change the background color of an element to Hex 7CAF63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAF63 }
```

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

```
.background{ background-color:#7CAF63 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor