

Converting Colors

Hex(7CAF62)

Have a look what the booklet for
Hex(7CAF62) contains.

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Color

Hex(7CAF62)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF62
RGB	124, 175, 98
RGB Percent	49%, 69%, 38%
CMY	0.5137, 0.3137, 0.6157
CMYK	0.29, 0.00, 0.44, 0.31
HSL	100°, 32%, 54%
HSV	100°, 44%, 69%
XYZ	25.8468, 35.8269, 17.1083
YIQ	150.9730, -5.6790, -34.7590

Conversions

Conversions Part 2

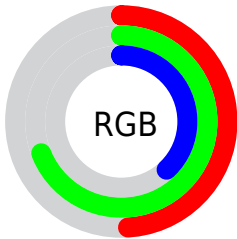
Format	Color
RYB	98, 175, 149
Decimal	8171362
CIELab	66.39, -31.18, 34.12
CIELCh	66, 46.226, 132.420
Yxy	35.8269, 0.3281, 0.4548
Android (android.graphics.Color)	4286361442 (0xFF7CAF62)
YUV	150.9730, -26.1157, -23.6553
Hunter-Lab	59.8556, -27.6676, 24.9523

Details

The Hex color **7CAF62** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9562AF**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B2E796**, and **487A31** is the 20% darker color. If you saturate the color by 10%, you get **70AF51**, and if you desaturate by 10%, it is **88AF74**.

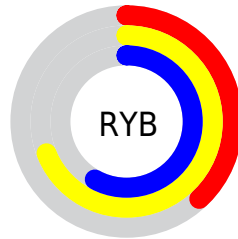
Distribution



Red (49%)

Green (69%)

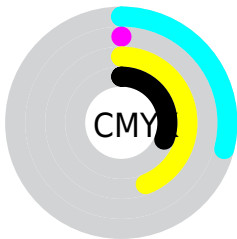
Blue (38%)



Red (38%)

Yellow (69%)

Blue (58%)

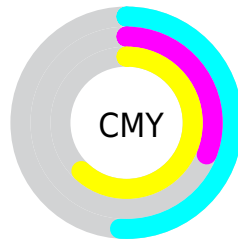


Cyan (29%)

Magenta (0%)

Yellow (44%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAF62 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 7CAF62 by changing the saturation by 10% instead.



7CAF62



7CAF62

FFFFFF



629449



B2E796



487A31



CEFFB1



2F6119



EBFFCD



144900



FFFFE9



003200



001E00



000000



7CAF62



7CAF62



70AF51



88AF74

 65AF3F

 93AF85

 59AF2E

 9FAF97

 4EAF1C

 AAAFA8

 42AF0B

 B6AFBA

 3BAF00

 C2AFCB

 CDAFDD

 D9AFEE

 E4AFFF

Harmonies

Analogous

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



AAA54E



7CAF62



3EB587

Triad

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



7CAF62



00ADF0



F07F92

Complementary

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



7CAF62



9562AF

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.



E282BC



7CAF62



7CA0F2

Square

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



7CAF62



00B4D8



BB90DF



E8886B

Rectangle

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



7CAF62



00B7A4



BB90DF



EE7FA0

Sweetspot

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



7CAF62



CFE3C5



AF9462



677360



F2F2F2



737373

Same Dimension

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



7CAF62



93E36B



62AF6E



51574E



339600



081700

Inverse Universe

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



9562AF



BA6BE3



AF62A3



544E57



640096



0F0017

Previews

White Background



This preview shows how the Hex color 7CAF62 looks on a white background.

Color Contrast Check

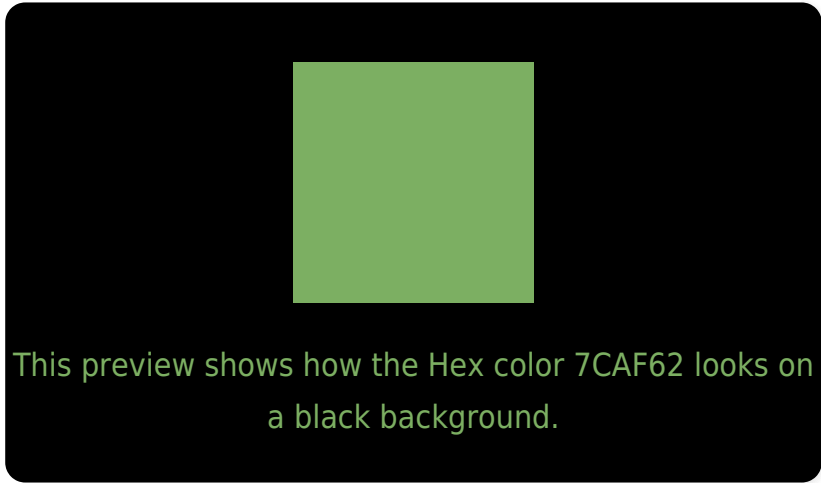
Large Text (above 18pt) WCAG AA × Fail

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 7CAF62 Background



This preview shows how black text looks on a background with the Hex color 7CAF62.



This preview shows how white text looks on a background with the Hex color 7CAF62.

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



Original Color
7CAF62

Protanopia
B0A15D

Deuteranopia
C29A67



Tritanopia
89A6B3

Trichromacy



Original Color
7CAF62

Protanomaly
9DA65F

Deuteranomaly
A9A265

Tritanomaly
84A996

Monochromacy



Original Color
7CAF62

Achromatopsia
979797

Achromatomaly
8DA084

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAF62 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 #7CAF62 looks like.

```
.text, #text, p{  
    color:#7CAF62  
}
```

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 #7CAF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAF62
}
```

Border

The CSS property to change the border of an element to Hex 7CAF62 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
#7CAF62 }
```

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

```
.border{ border-color:#7CAF62 }
```

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

Here you see how a box with a 4 pixel #7CAF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAF62; -webkit-box-shadow:4px 4px  
4px 4px #7CAF62; box-shadow:4px 4px 4px  
4px #7CAF62 }
```

Background

The CSS property to change the background color of an element to Hex 7CAF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAF62 }
```

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

```
.background{ background-color:#7CAF62 }
```

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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