

Converting Colors

Hex(7CAF5A)

Have a look what the booklet for
Hex(7CAF5A) contains.

Hex(7CAF5A)	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(7CAF5A)

Conversions

Conversions Part 1

Format	Color
Hex	7CAF5A
RGB	124, 175, 90
RGB Percent	49%, 69%, 35%
CMY	0.5137, 0.3137, 0.6471
CMYK	0.29, 0.00, 0.49, 0.31
HSL	96°, 35%, 52%
HSV	96°, 49%, 69%
XYZ	25.4876, 35.6832, 15.2171
YIQ	150.0610, -3.1110, -37.2470

Conversions

Conversions Part 2

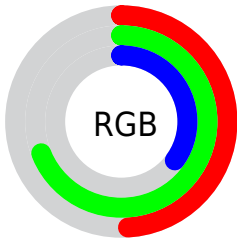
Format	Color
RYB	90, 175, 141
Decimal	8171354
CIELab	66.28, -32.21, 38.07
CIElCh	66, 49.869, 130.239
Yxy	35.6832, 0.3337, 0.4671
Android (android.graphics.Color)	4286361434 (0xFF7CAF5A)
YUV	150.0610, -29.6101, -22.8555
Hunter-Lab	59.7354, -28.3755, 26.7112

Details

The Hex color **7CAF5A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8D5AAF**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B3E78E**, and **487A29** is the 20% darker color. If you saturate the color by 10%, you get **72AF49**, and if you desaturate by 10%, it is **87AF6C**.

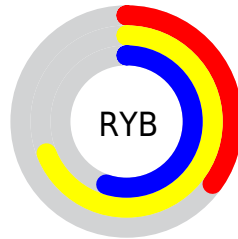
Distribution



Red (49%)

Green (69%)

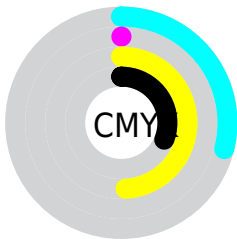
Blue (35%)



Red (35%)

Yellow (69%)

Blue (55%)

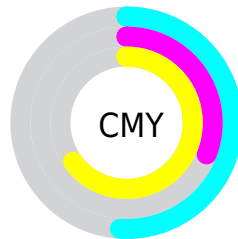


Cyan (29%)

Magenta (0%)

Yellow (49%)

Black (31%)



Cyan (51%)

Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CAF5A 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 7CAF5A by changing the saturation by 10% instead.

 7CAF5A

 7CAF5A

FFFFFF

 629441

 B3E78E

 487A29

 CFFFA9

 2E610F

 ECFFC4

 124900

 FFFFE1

 003200

FFFFFFE

 001E00

 000000

 7CAF5A

 7CAF5A

 72AF49

 87AF6C

 67AF37

 91AF7D

 5CAF26

 9CAF8F

 52AF14

 A6AFA0

 47AF03

 B1AFB2

 46AF00

 BBAFC3

 C6AFD5

 D0AFE6

 DBAFF8

Harmonies

Analogous

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



ADA445



7CAF5A



36B681

Triad

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



7CAF5A



00AEF5



F57B93

Complementary

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



7CAF5A



8D5AAF

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.



E480C0



7CAF5A



70A1F9

Square

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



7CAF5A



00B6DA



B98FE6



EE8469

Rectangle

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



7CAF5A



00B8A0



B98FE6



F27BA3

Sweetspot

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



7CAF5A



CFE3C1



AF8D5A



66735E



F2F2F2



737373

Same Dimension

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



7CAF5A



94E35F



5AAF62



51574E



3C9600



091700

Inverse Universe

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



8D5AAF



AE5FE3



AF5AA7



534E57



5A0096



0E0017

Previews

White Background



This preview shows how the Hex color 7CAF5A looks on a white background.

Color Contrast Check

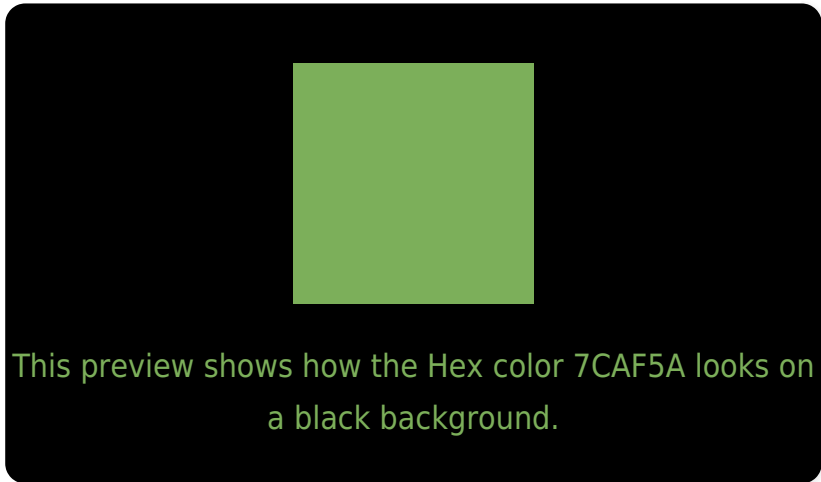
Large Text (above 18pt) WCAG AA × Fail

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

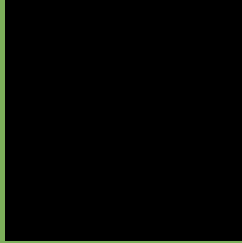
Any Text WCAG AA ✓ Pass

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 7CAF5A Background



This preview shows how black text looks on a background with the Hex color 7CAF5A.

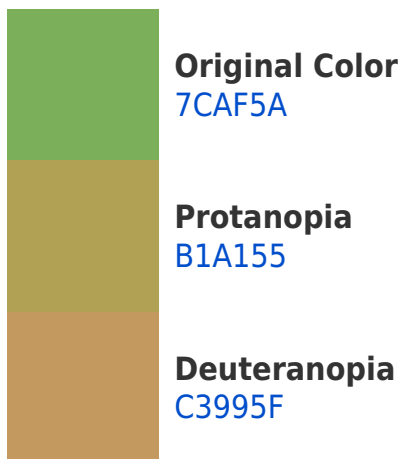


This preview shows how white text looks on a background with the Hex color 7CAF5A.

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](#).

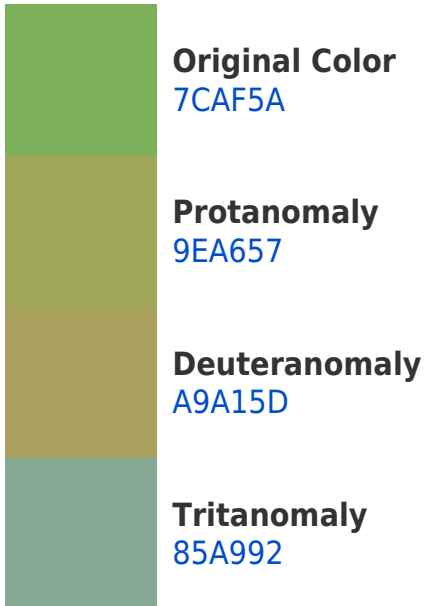
Dichromacy





Tritanopia
8AA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CAF5A 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 #7CAF5A looks like.

```
.text, #text, p{  
    color:#7CAF5A  
}
```

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 #7CAF5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAF5A
}
```

Border

The CSS property to change the border of an element to Hex 7CAF5A 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
#7CAF5A }
```

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

```
.border{ border-color:#7CAF5A }
```

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

Here you see how a box with a 4 pixel #7CAF5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAF5A; -webkit-box-shadow:4px 4px  
4px 4px #7CAF5A; box-shadow:4px 4px 4px  
4px #7CAF5A }
```

Background

The CSS property to change the background color of an element to Hex 7CAF5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAF5A }
```

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

```
.background{ background-color:#7CAF5A }
```

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