

# Converting Colors

Hex(7CAD43)

Have a look what the booklet for  
Hex(7CAD43) contains.

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**Color**

**Hex(7CAD43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CAD43
RGB	124, 173, 67
RGB Percent	49%, 68%, 26%
CMY	0.5137, 0.3216, 0.7373
CMYK	0.28, 0.00, 0.61, 0.32
HSL	88°, 44%, 47%
HSV	88°, 61%, 68%
XYZ	24.2689, 34.5775, 10.7052
YIQ	146.2650, 4.8220, -43.3540

# Conversions

## Conversions Part 2

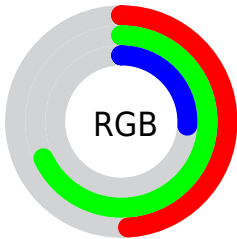
Format	Color
<a href="#">RYB</a>	<a href="#">67, 173, 116</a>
Decimal	<a href="#">8170819</a>
CIELab	<a href="#">65.42, -33.74, 48.07</a>
CIELCh	<a href="#">65, 58.725, 125.063</a>
Yxy	<a href="#">34.5775, 0.3489, 0.4971</a>
Android (android.graphics.Color)	<a href="#">4286360899 (0xFF7CAD43)</a>
YUV	<a href="#">146.2650, -39.0776, -19.5264</a>
Hunter-Lab	<a href="#">58.8026, -29.2345, 30.3679</a>

# Details

The Hex color **7CAD43** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7443AD**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B3E577**, and **477809** is the 20% darker color. If you saturate the color by 10%, you get **74AD32**, and if you desaturate by 10%, it is **84AD54**.

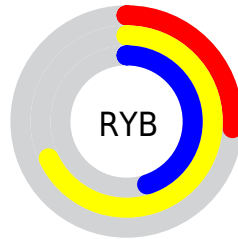
# Distribution



Red (49%)

Green (68%)

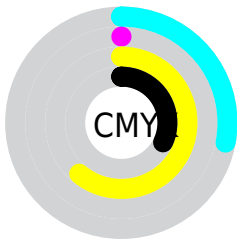
Blue (26%)



Red (26%)

Yellow (68%)

Blue (45%)

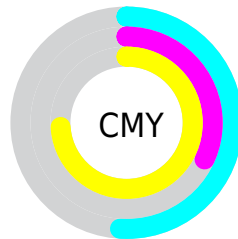


Cyan (28%)

Magenta (0%)

Yellow (61%)

Black (32%)



Cyan (51%)

Magenta (32%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CAD43 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 7CAD43 by changing the saturation by 10% instead.



 7CAD43

 7CAD43

FFFFFF

 619229

 B3E577

 477809

 D0FF92

 2C5F00

 EDFFAD

 0F4700

 FFFFC9

 003000

 FFFFEE

 001B00

 000000

 7CAD43

 7CAD43

 74AD32

 84AD54

 6CAD20

 8CAD66

 64AD0F

 94AD77

 5DAD00

 9CAD88

 A4AD9A

 ACADAB

 B4ADBC

 BCADCD

 C4ADDF

# Harmonies

## Analogous

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



B39F2D



7CAD43



1FB570

# Triad

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



7CAD43



00B0FE



FE6E98

# Complementary

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



7CAD43



7443AD

# 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.



E678CC



7CAD43



3EA2FF

# Square

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



7CAD43



00B7DA



AD8DF5



F97865

# Rectangle

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



7CAD43



00B894



AD8DF5



F96FAA



# Sweetspot

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



7CAD43



CEE0B8



AD7343



657058



F0F0F0



707070



# Same Dimension

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



7CAD43



94E03A



48AD43



53574E



519600



0C1700



# Inverse Universe

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



7443AD



873AE0



A843AD



524E57



460096



0B0017



# Previews

## White Background



This preview shows how the Hex color 7CAD43 looks on a white background.

## Color Contrast Check

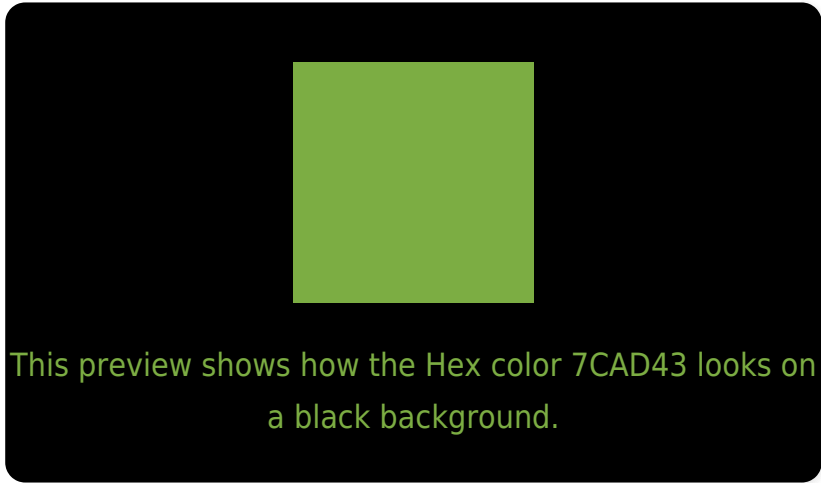
Large Text (above 18pt) WCAG AA × Fail

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 7CAD43 Background



This preview shows how black text looks on a background with the Hex color 7CAD43.



This preview shows how white text looks on a background with the Hex color 7CAD43.

# 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**  
7CAD43

**Protanopia**  
B09F3F

**Deuteranopia**  
C3974A



**Tritanopia**  
8BA2AF

# Trichromacy



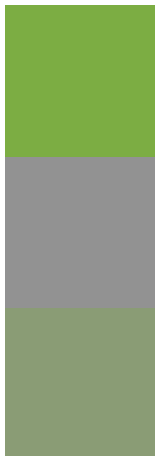
**Original Color**  
7CAD43

**Protanomaly**  
9DA440

**Deuteranomaly**  
A99F47

**Tritanomaly**  
86A688

# Monochromacy



**Original Color**  
7CAD43

**Achromatopsia**  
929292

**Achromatomaly**  
8A9C75

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CAD43 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 #7CAD43 looks like.

```
.text, #text, p{  
    color:#7CAD43  
}
```

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 #7CAD43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CAD43
}
```

## Border

The CSS property to change the border of an element to Hex 7CAD43 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
#7CAD43 }
```

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

```
.border{ border-color:#7CAD43 }
```

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

Here you see how a box with a 4 pixel #7CAD43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CAD43; -webkit-box-shadow:4px 4px  
4px 4px #7CAD43; box-shadow:4px 4px 4px  
4px #7CAD43 }
```

# Background

The CSS property to change the background color of an element to Hex 7CAD43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CAD43 }
```

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

```
.background{ background-color:#7CAD43 }
```

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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