

# Converting Colors

Hex(7CB448)

Have a look what the booklet for  
Hex(7CB448) contains.

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**Color**

**Hex(7CB448)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CB448
RGB	124, 180, 72
RGB Percent	49%, 71%, 28%
CMY	0.5137, 0.2941, 0.7176
CMYK	0.31, 0.00, 0.60, 0.29
HSL	91°, 43%, 49%
HSV	91°, 60%, 71%
XYZ	25.8031, 37.3955, 11.9890
YIQ	150.9440, 1.2920, -45.4600

# Conversions

## Conversions Part 2

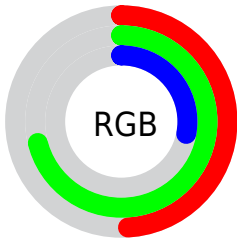
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 180, 128
Decimal	8172616
CIELab	67.57, -36.47, 48.23
CIELCh	68, 60.469, 127.098
Yxy	37.3955, 0.3432, 0.4974
Android (android.graphics.Color)	4286362696 (0xFF7CB448)
YUV	150.9440, -38.9194, -23.6299
Hunter-Lab	61.1518, -31.6973, 31.1823

# Details

The Hex color **7CB448** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8048B4**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **B3EC7C**, and **467F10** is the 20% darker color. If you saturate the color by 10%, you get **73B436**, and if you desaturate by 10%, it is **85B45A**.

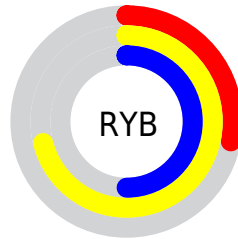
# Distribution



Red (49%)

Green (71%)

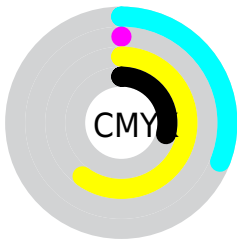
Blue (28%)



Red (28%)

Yellow (71%)

Blue (50%)

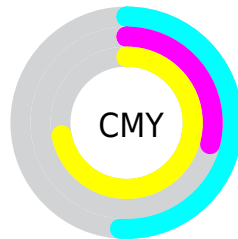


Cyan (31%)

Magenta (0%)

Yellow (60%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB448 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 7CB448 by changing the saturation by 10% instead.





7CB448



7CB448

FFFFFF



61992E



B3EC7C



467F10



D0FF97



2B6500



EDFFB3



0D4D00



FFFFCF



003500



FFF FEC



002200



000000



7CB448



7CB448



73B436



85B45A

 69B424

 8FB46C

 60B412

 98B47E

 57B400

 A1B490

 ABB4A2

 B4B4B4

 BDB4C6

 C7B4D8

 D0B4EA

# Harmonies

## Analogous

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



B6A62E



7CB448



07BC78

# Triad

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



7CB448



00B6FF



FF729A

# Complementary

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



7CB448



8048B4

# 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.



F17BD0



7CB448



4CA6FF

# Square

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



7CB448



00BDE5



B891FC



FF7D66

# Rectangle

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



7CB448



00BF9D



B891FC



FF73AC



# Sweetspot

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



7CB448



D5EBC0



B48048



68755B



F5F5F5



757575



# Same Dimension

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



7CB448



93EB42



48B44A



555950



4A9900



0C1A00



# Inverse Universe

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



8048B4



9942EB



B448B2



555059



4F0099



0D001A



# Previews

## White Background



This preview shows how the Hex color 7CB448 looks on a white background.

## Color Contrast Check

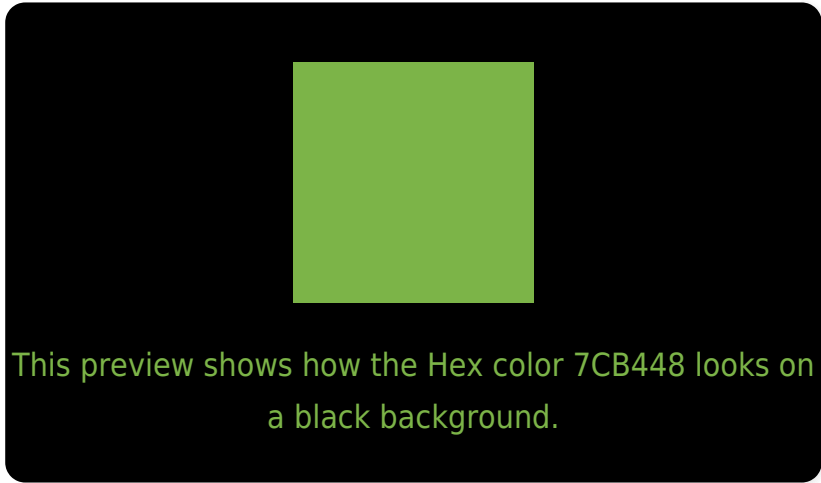
Large Text (above 18pt) WCAG AA × Fail

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 7CB448 Background



This preview shows how black text looks on a background with the Hex color 7CB448.

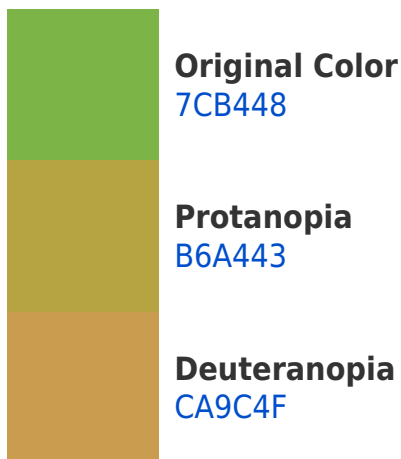


This preview shows how white text looks on a background with the Hex color 7CB448.

# 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**  
8CA9B6

# Trichromacy



**Original Color**  
7CB448



**Protanomaly**  
A1AA45



**Deuteranomaly**  
AEA54C



**Tritanomaly**  
86AD8E

# Monochromacy



**Original Color**  
7CB448



**Achromatopsia**  
979797



**Achromatomaly**  
8DA27A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB448 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 #7CB448 looks like.

```
.text, #text, p{  
    color:#7CB448  
}
```

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 #7CB448 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB448
}
```

## Border

The CSS property to change the border of an element to Hex 7CB448 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
#7CB448 }
```

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

```
.border{ border-color:#7CB448 }
```

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

Here you see how a box with a 4 pixel #7CB448 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB448; -webkit-box-shadow:4px 4px  
4px 4px #7CB448; box-shadow:4px 4px 4px  
4px #7CB448 }
```

# Background

The CSS property to change the background color of an element to Hex 7CB448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB448 }
```

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

```
.background{ background-color:#7CB448 }
```

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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