

# Converting Colors

Hex(7CB04A)

Have a look what the booklet for  
Hex(7CB04A) contains.

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**Color**

**Hex(7CB04A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7CB04A
RGB	124, 176, 74
RGB Percent	49%, 69%, 29%
CMY	0.5137, 0.3098, 0.7098
CMYK	0.30, 0.00, 0.58, 0.31
HSL	91°, 41%, 49%
HSV	91°, 58%, 69%
XYZ	25.0735, 35.8302, 12.0730
YIQ	148.8240, 1.7500, -42.7460

# Conversions

## Conversions Part 2

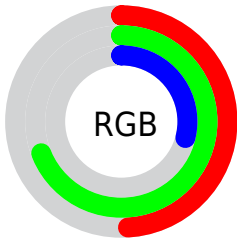
Format	Color
<a href="#">RYB</a>	<a href="#">74, 176, 126</a>
Decimal	<a href="#">8171594</a>
CIELab	<a href="#">66.39, -34.46, 45.97</a>
CIELCh	<a href="#">66, 57.448, 126.854</a>
Yxy	<a href="#">35.8302, 0.3436, 0.4910</a>
Android (android.graphics.Color)	<a href="#">4286361674 (0xFF7CB04A)</a>
YUV	<a href="#">148.8240, -36.8882, -21.7706</a>
Hunter-Lab	<a href="#">59.8583, -29.9817, 29.9425</a>

# Details

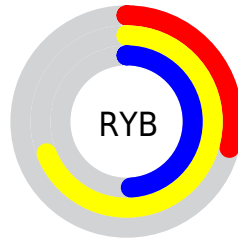
The Hex color **7CB04A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7E4AB0**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B3E87E**, and **477B15** is the 20% darker color. If you saturate the color by 10%, you get **73B038**, and if you desaturate by 10%, it is **85B05C**.

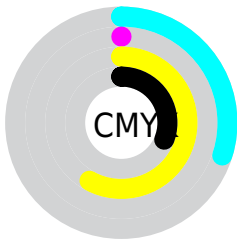
# Distribution



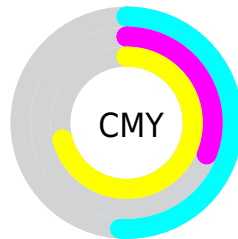
- Red (49%)
- Green (69%)
- Blue (29%)



- Red (29%)
- Yellow (69%)
- Blue (49%)



- Cyan (30%)
- Magenta (0%)
- Yellow (58%)
- Black (31%)



- Cyan (51%)
- Magenta (31%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7CB04A 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 7CB04A by changing the saturation by 10% instead.



 7CB04A

 7CB04A

FFFFFF

 619530

 B3E87E

 477B15

 D0FF99

 2C6200

 EDFFB4

 104900

 FFFF00

 003200

 FFFFED

 001E00

 000000

 7CB04A

 7CB04A

 73B038

 85B05C

 6AB027

 8EB06D

 61B015

 97B07F

 58B004

 A0B090

 56B000

 A9B0A2

 B2B0B4

 BBB0C5

 C4B0D7

 CDB0E8

# Harmonies

## Analogous

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



B3A333



7CB04A



20B877

# Triad

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



7CB04A



00B2FF



FF7398

# Complementary

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



7CB04A



7E4AB0

# 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.



EA7BCB



7CB04A



51A3FF

# Square

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



7CB04A



00B9DE



B48FF4



FA7D66

# Rectangle

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



7CB04A



00BA9A



B48FF4



FC73A9



# Sweetspot

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



7CB04A



D2E6BE



B07D4A



67735C



F2F2F2



737373



# Same Dimension

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



7CB04A



94E645



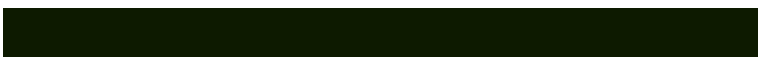
4AB04A



555950



4B9900



0D1A00



# Inverse Universe

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



7E4AB0



9745E6



B04AB0



555059



4E0099



0D001A



# Previews

## White Background



This preview shows how the Hex color 7CB04A looks on a white background.

## Color Contrast Check

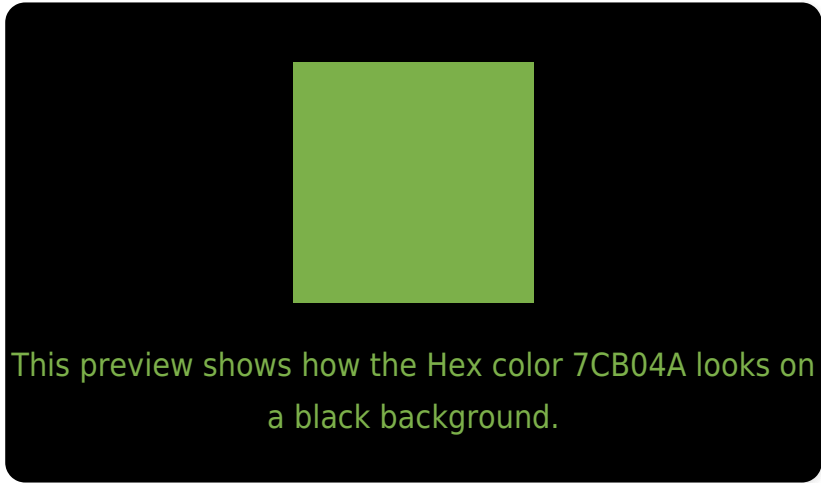
Large Text (above 18pt) WCAG AA × Fail

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 7CB04A Background



This preview shows how black text looks on a background with the Hex color 7CB04A.

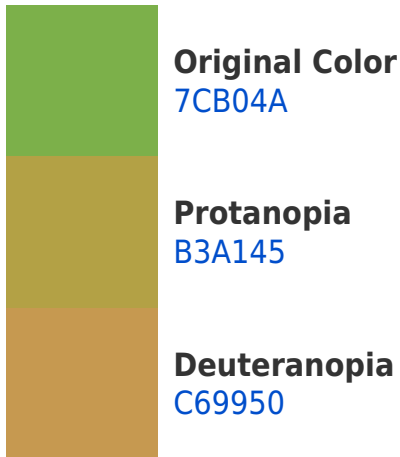


This preview shows how white text looks on a background with the Hex color 7CB04A.

# 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](#).

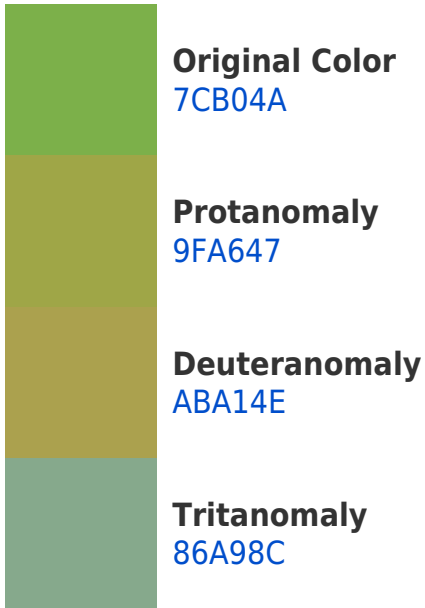
## Dichromacy





**Tritanopia**  
8BA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7CB04A 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 #7CB04A looks like.

```
.text, #text, p{  
    color:#7CB04A  
}
```

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 #7CB04A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB04A
}
```

## Border

The CSS property to change the border of an element to Hex 7CB04A 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
#7CB04A }
```

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

```
.border{ border-color:#7CB04A }
```

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

Here you see how a box with a 4 pixel #7CB04A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB04A; -webkit-box-shadow:4px 4px  
4px 4px #7CB04A; box-shadow:4px 4px 4px  
4px #7CB04A }
```

# Background

The CSS property to change the background color of an element to Hex 7CB04A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB04A }
```

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

```
.background{ background-color:#7CB04A }
```

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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