

# Converting Colors

Hex(74B000)

Have a look what the booklet for  
Hex(74B000) contains.

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**Color**

**Hex(74B000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	74B000
RGB	116, 176, 0
RGB Percent	45%, 69%, 0%
CMY	0.5451, 0.3098, 1.0000
CMYK	0.34, 0.00, 1.00, 0.31
HSL	80°, 100%, 35%
HSV	80°, 100%, 69%
XYZ	22.7278, 34.7637, 5.5122
YIQ	137.9960, 20.7360, -67.4560

# Conversions

## Conversions Part 2

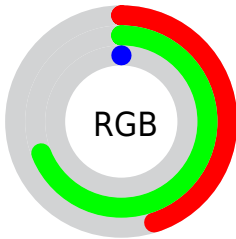
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 176, 60
Decimal	7647232
CIELab	65.56, -41.23, 66.64
CIELCh	66, 78.363, 121.742
Yxy	34.7637, 0.3607, 0.5518
Android (android.graphics.Color)	4285837312 (0xFF74B000)
YUV	137.9960, -68.0320, -19.2905
Hunter-Lab	58.9607, -34.3743, 35.7295

# Details

The Hex color **74B000** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **3C00B0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **ADE84C**, and **3B7B00** is the 20% darker color. If you saturate the color by 10%, you get **74B000**, and if you desaturate by 10%, it is **7AB012**.

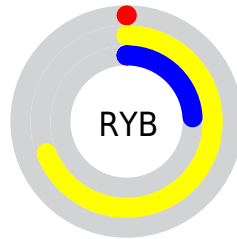
# Distribution



Red (45%)

Green (69%)

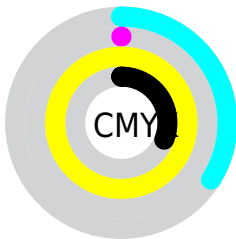
Blue (0%)



Red (0%)

Yellow (69%)

Blue (24%)

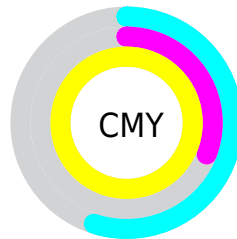


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (55%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 74B000 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 74B000 by changing the saturation by 10% instead.



 74B000

 74B000

FFFFFF

 589500

 ADE84C

 3B7B00

 CAFF69

 1B6200

 E8FF85

 004900

 FFFFA1

 003200

 FFFFBD

 001C00

 FFFFDA

 000000

 FFFFF8

 74B000

 7AB012

 80B023

 86B035

 8CB046

 92B058

 98B06A

 9EB07B

 A4B08D

 AAB09E

# Harmonies

## Analogous

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



BB9E00



74B000



00BA58

# Triad

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



74B000



00B7FF



FF519E

# Complementary

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



74B000



3C00B0

# 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.



F667E3



74B000



00A7FF

# Square

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



74B000



00BEE8



A18AFF



FF615A

# Rectangle

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



74B000



00BE89



A18AFF



FF54B6



# Sweetspot

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



74B000



CEE6A1



B03B00



657349



F2F2F2



737373



# Same Dimension

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



74B000



97E600



1DB000



565950



659900



111A00



# Inverse Universe

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



3C00B0



4E00E6



9300B0



535059



340099



09001A



# Previews

## White Background



This preview shows how the Hex color 74B000 looks on a white background.

## Color Contrast Check

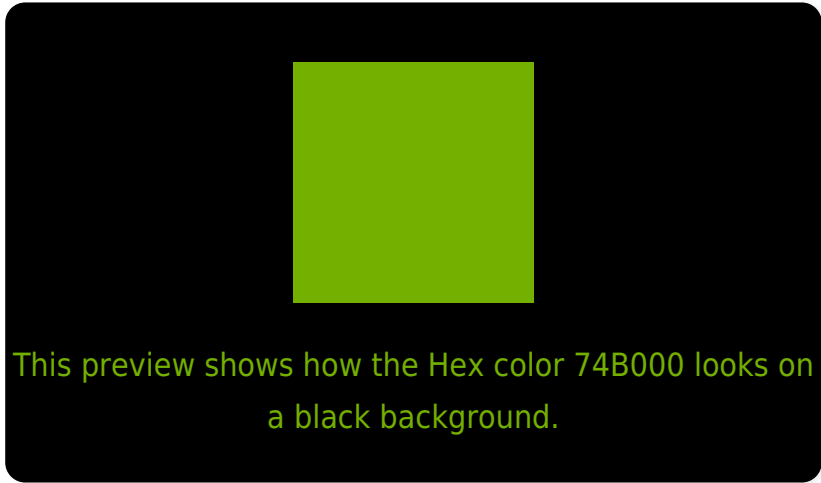
Large Text (above 18pt) WCAG AA × Fail

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 74B000 Background



This preview shows how black text looks on a background with the Hex color 74B000.



This preview shows how white text looks on a background with the Hex color 74B000.

# 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**  
74B000

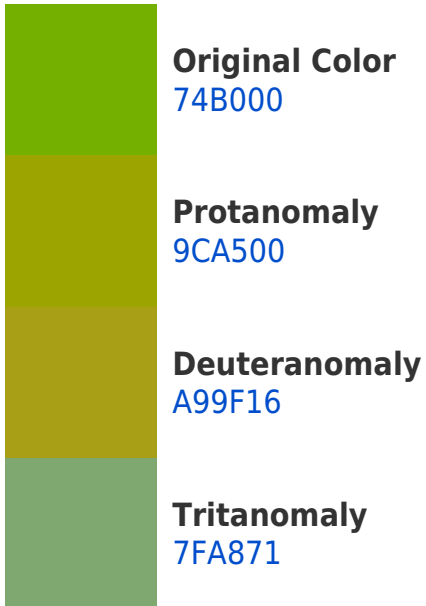
**Protanopia**  
B39F00

**Deuteranopia**  
C89622

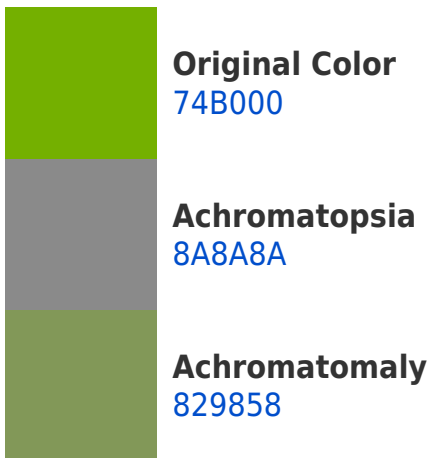


**Tritanopia**  
86A4B1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 74B000 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 #74B000 looks like.

```
.text, #text, p{  
    color:#74B000  
}
```

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 #74B000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74B000
}
```

## Border

The CSS property to change the border of an element to Hex 74B000 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
#74B000 }
```

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

```
.border{ border-color:#74B000 }
```

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

Here you see how a box with a 4 pixel #74B000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74B000; -webkit-box-shadow:4px 4px  
4px 4px #74B000; box-shadow:4px 4px 4px  
4px #74B000 }
```

# Background

The CSS property to change the background color of an element to Hex 74B000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74B000 }
```

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

```
.background{ background-color:#74B000 }
```

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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