

# Converting Colors

Hex(73BA74)

Have a look what the booklet for  
Hex(73BA74) contains.

|  |    |
|--|----|
| <b>Hex(73BA74)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# **Color**

**Hex(73BA74)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 73BA74                       |
| RGB         | 115, 186, 116                |
| RGB Percent | 45%, 73%, 45%                |
| CMY         | 0.5490, 0.2706, 0.5451       |
| CMYK        | 0.38, 0.00, 0.38, 0.27       |
| HSL         | 121°, 34%, 59%               |
| HSV         | 121°, 38%, 73%               |
| XYZ         | 27.7815, 40.0236, 22.7841    |
| YIQ         | 156.7910, -19.8460, -36.8220 |

# Conversions

## Conversions Part 2

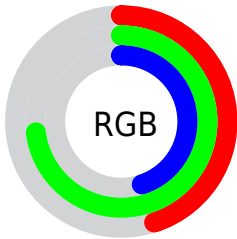
| Format                              | Color                           |
|-------------------------------------|---------------------------------|
| R <sub>Y</sub> B                    | 115, 185, 186                   |
| Decimal                             | 7584372                         |
| CIE Lab                             | 69.49, -36.65, 28.65            |
| CIE LCh                             | 69, 46.522, 141.982             |
| Yxy                                 | 40.0236, 0.3067,<br>0.4418      |
| Android<br>(android.graphics.Color) | 4285774452<br>(0xFF73BA74)      |
| YUV                                 | 156.7910, -20.1100,<br>-36.6507 |
| Hunter-Lab                          | 63.2642, -32.3268,<br>22.9321   |

# Details

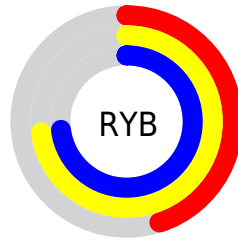
The Hex color **73BA74** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA73B9**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **AAF3A9**, and **3E8443** is the 20% darker color. If you saturate the color by 10%, you get **60BA62**, and if you desaturate by 10%, it is **86BA86**.

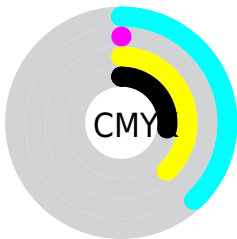
# Distribution



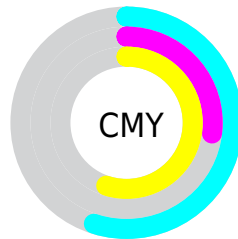
- Red (45%)
- Green (73%)
- Blue (45%)



- Red (45%)
- Yellow (73%)
- Blue (73%)



- Cyan (38%)
- Magenta (0%)
- Yellow (38%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73BA74 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 73BA74 by changing the saturation by 10% instead.



 73BA74

 73BA74

FFFFFF

 589F5B

 AAF3A9

 3E8443

 C6FFC4

 226B2B

 E2FFE0

 005214

FFFFFFD

 003A00

 002500

 000000

 73BA74

 73BA74

 60BA62

 86BA86

 4EBA4F

 98BA99

 3BBA3D

 ABBAAB

 29BA2B

 BDBABD

 16BA18

 D0BAD0

 03BA06

 E3BAE2

 00BA03

 F5BAF4

 FFBAFF

# Harmonies

## Analogous

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



A5B159



73BA74



27BF9D

# Triad

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



73BA74



47B1FD



FA898C

# Complementary

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



73BA74



BA73B9

# 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.



F388B7



73BA74



9CA3F8

# Square

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



73BA74



00BBEB



D393DE



EC9469

# Rectangle

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



73BA74



00C0BA



D393DE



FA879A

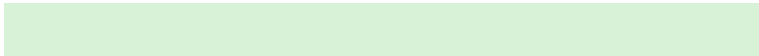


# Sweetspot

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



73BA74



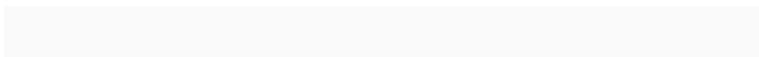
D8F2D8



BABA73



6A7A6B



FAFAFA



7A7A7A



# Same Dimension

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



73BA74



83F284



73BA97



535C53



009C02



001C00



# Inverse Universe

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



BA73B9



F283F1



BA7397



5C535C



9C0099



1C001C



# Previews

## White Background



This preview shows how the Hex color 73BA74 looks on a white background.

## Color Contrast Check

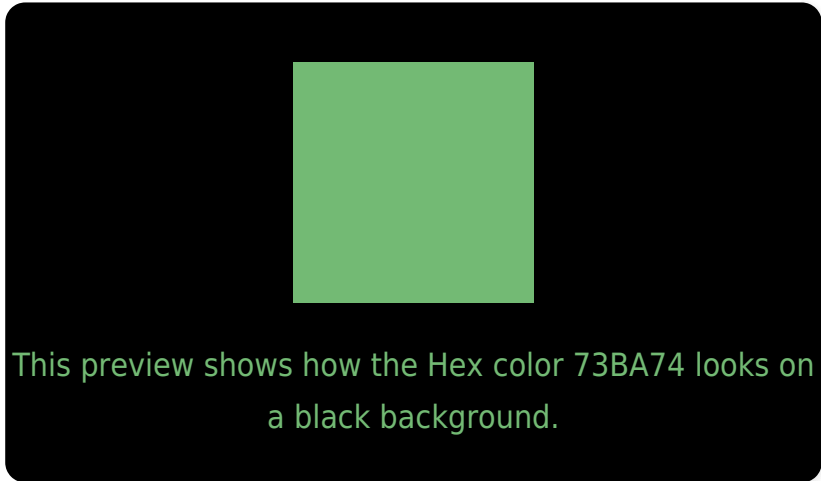
Large Text (above 18pt) WCAG AA × Fail

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

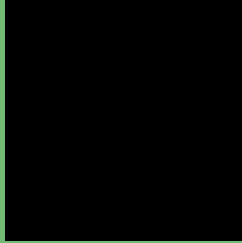
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73BA74 Background



This preview shows how black text looks on a background with the Hex color 73BA74.



This preview shows how white text looks on a background with the Hex color 73BA74.

# 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](#).

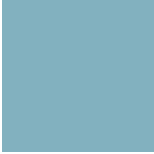
## Dichromacy



**Original Color**  
73BA74

**Protanopia**  
B8A96D

**Deuteranopia**  
C8A279



**Tritanopia**  
82B1BF

# Trichromacy



**Original Color**

73BA74



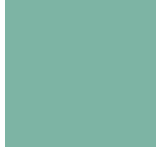
**Protanomaly**

9FAF70



**Deuteranomaly**

A9AB77



**Tritanomaly**

7DB4A4

# Monochromacy



**Original Color**

73BA74



**Achromatopsia**

9D9D9D



**Achromatomaly**

8EA88E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73BA74 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 #73BA74 looks like.

```
.text, #text, p{  
    color:#73BA74  
}
```

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 #73BA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73BA74
}
```

## Border

The CSS property to change the border of an element to Hex 73BA74 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
#73BA74 }
```

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

```
.border{ border-color:#73BA74 }
```

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

Here you see how a box with a 4 pixel #73BA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73BA74; -webkit-box-shadow:4px 4px  
4px 4px #73BA74; box-shadow:4px 4px 4px  
4px #73BA74 }
```

# Background

The CSS property to change the background color of an element to Hex 73BA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73BA74 }
```

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

```
.background{ background-color:#73BA74 }
```

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