

Converting Colors

Hex(74BA70)

Have a look what the booklet for
Hex(74BA70) contains.

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Color

Hex(74BA70)

Conversions

Conversions Part 1

Format	Color
Hex	74BA70
RGB	116, 186, 112
RGB Percent	45%, 73%, 44%
CMY	0.5451, 0.2706, 0.5608
CMYK	0.38, 0.00, 0.40, 0.27
HSL	117°, 35%, 58%
HSV	117°, 40%, 73%
XYZ	27.6860, 40.0007, 21.5909
YIQ	156.6340, -17.9660, -37.8540

Conversions

Conversions Part 2

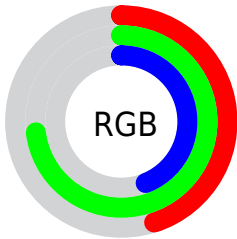
Format	Color
RYB	112, 186, 182
Decimal	7649904
CIELab	69.47, -36.96, 30.73
CIELCh	69, 48.070, 140.255
Yxy	40.0007, 0.3101, 0.4480
Android (android.graphics.Color)	4285839984 (0xFF74BA70)
YUV	156.6340, -22.0046, -35.6360
Hunter-Lab	63.2461, -32.5422, 24.0319

Details

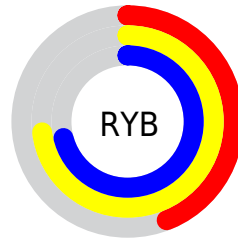
The Hex color **74BA70** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B670BA**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ABF3A5**, and **3F843F** is the 20% darker color. If you saturate the color by 10%, you get **62BA5D**, and if you desaturate by 10%, it is **86BA83**.

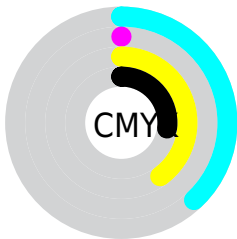
Distribution



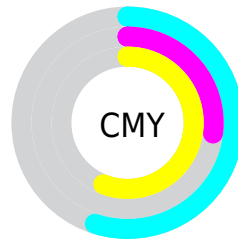
- Red (45%)
- Green (73%)
- Blue (44%)



- Red (44%)
- Yellow (73%)
- Blue (71%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (27%)



- Cyan (55%)
- Magenta (27%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BA70 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 74BA70 by changing the saturation by 10% instead.

 74BA70

 74BA70

FFFFFF

 599F57

 ABF3A5

 3F843F

 C7FFC0

 236B27

 E4FFDC

 005210

 FFFFF9

 003A00

 002600

 000000

 74BA70

 74BA70

 62BA5D

 86BA83

 51BA4B

 97BA95

 3FBA38

 A9BAA8

 2EBA26

 BABABA

 1CBA13

 CCBACD

 0ABA00

 DEBAE0

 EFBAF2

 FFBAFF

Harmonies

Analogous

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



A7B055



74BA70



23BF99

Triad

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



74BA70



35B2FF



FC878E

Complementary

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



74BA70



B670BA

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.



F487BA



74BA70



97A4FB

Square

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



74BA70



00BCEC



D293E2



EF9268

Rectangle

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



74BA70



00C0B8



D293E2



FC859C

Sweetspot

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



74BA70



D7F2D5



BAB570



6A7A69



FAFAFA



7A7A7A

Same Dimension

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



74BA70



84F27E



70BA90



535C53



089C00



021C00

Inverse Universe

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



B670BA



EC7EF2



BA709A



5B535C



93009C



1B001C

Previews

White Background



This preview shows how the Hex color 74BA70 looks on a white background.

Color Contrast Check

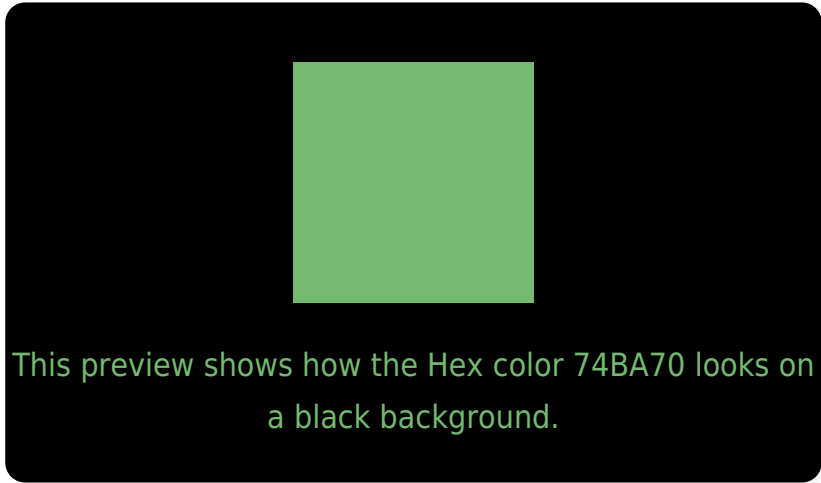
Large Text (above 18pt) WCAG AA × Fail

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 74BA70 Background



This preview shows how black text looks on a background with the Hex color 74BA70.

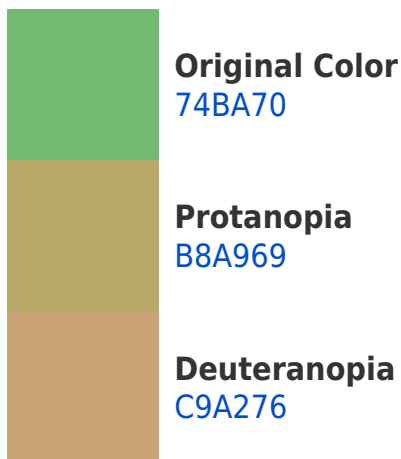


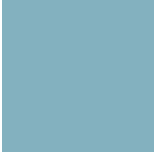
This preview shows how white text looks on a background with the Hex color 74BA70.

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](#).

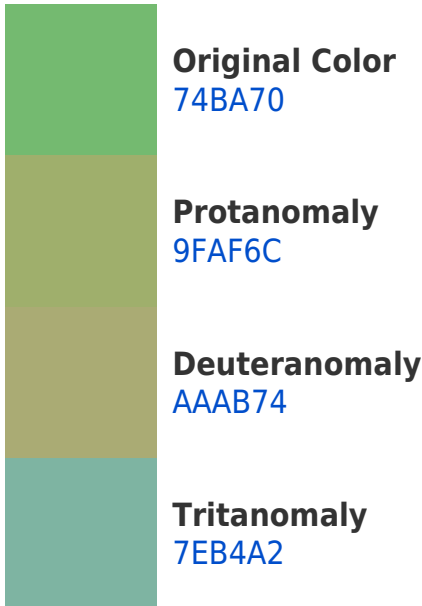
Dichromacy



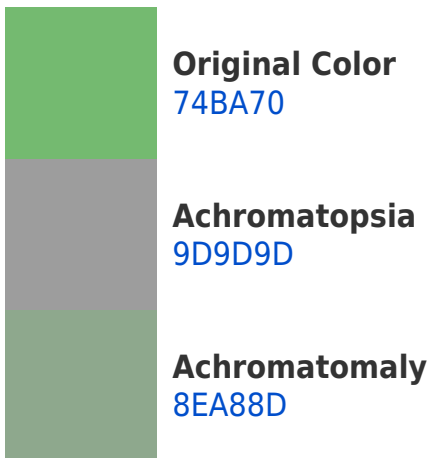


Tritanopia
83B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74BA70 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 #74BA70 looks like.

```
.text, #text, p{  
    color:#74BA70  
}
```

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 #74BA70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BA70
}
```

Border

The CSS property to change the border of an element to Hex 74BA70 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
#74BA70 }
```

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

```
.border{ border-color:#74BA70 }
```

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

Here you see how a box with a 4 pixel #74BA70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BA70; -webkit-box-shadow:4px 4px  
4px 4px #74BA70; box-shadow:4px 4px 4px  
4px #74BA70 }
```

Background

The CSS property to change the background color of an element to Hex 74BA70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BA70 }
```

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

```
.background{ background-color:#74BA70 }
```

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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