

Converting Colors

Hex(74BF71)

Have a look what the booklet for
Hex(74BF71) contains.

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Color

Hex(74BF71)

Conversions

Conversions Part 1

Format	Color
Hex	74BF71
RGB	116, 191, 113
RGB Percent	45%, 75%, 44%
CMY	0.5451, 0.2510, 0.5569
CMYK	0.39, 0.00, 0.41, 0.25
HSL	118°, 38%, 60%
HSV	118°, 41%, 75%
XYZ	28.8139, 42.1669, 22.2432
YIQ	159.6830, -19.6620, -40.1580

Conversions

Conversions Part 2

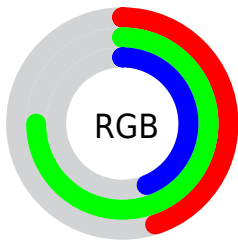
Format	Color
RYB	113, 191, 188
Decimal	7651185
CIELab	70.99, -39.05, 32.19
CIELCh	71, 50.607, 140.507
Yxy	42.1669, 0.3091, 0.4523
Android (android.graphics.Color)	4285841265 (0xFF74BF71)
YUV	159.6830, -23.0147, -38.3100
Hunter-Lab	64.9360, -34.4327, 25.1460

Details

The Hex color **74BF71** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BC71BF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ABF8A6**, and **3E8940** is the 20% darker color. If you saturate the color by 10%, you get **62BF5E**, and if you desaturate by 10%, it is **86BF84**.

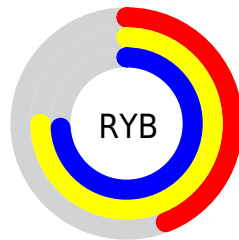
Distribution



Red (45%)

Green (75%)

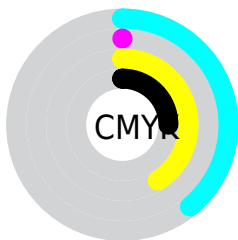
Blue (44%)



Red (44%)

Yellow (75%)

Blue (74%)

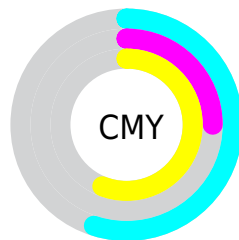


Cyan (39%)

Magenta (0%)

Yellow (41%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BF71 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 74BF71 by changing the saturation by 10% instead.

 74BF71

 74BF71

FFFFFF

 59A458

 ABF8A6

 3E8940

 C7FFC1

 216F28

 E4FFDD

 005610

 FFFFFA

 003E00

 002800

 000700

 000000


 74BF71

 74BF71

 62BF5E

 86BF84

 4FBF4B

 99BF97

 3DBF38

 ABBFAA

 2BBF25

 BDBFBD

 18BF12

 D0BFD1

 07BF00

 E2BFE4

 F5BFF7

 FFBFFF

Harmonies

Analogous

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



AAB554



74BF71



10C49D

Triad

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



74BF71



2BB7FF



FF8990

Complementary

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



74BF71



BC71BF

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.



FC89BE



74BF71



9AA7FF

Square

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



74BF71



00C1F4



D895E9



F69568

Rectangle

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



74BF71



00C5BD



D895E9



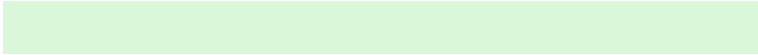
FF879F

Sweetspot

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



74BF71



DBF7DA



BFBB71



6C7D6B



FCFCFC



7D7D7D

Same Dimension

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



74BF71



83F77E



71BF94



555E55



069E00



011F00

Inverse Universe

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



BC71BF



F37EF7



BF719C



5E555E



98009E



1D001F

Previews

White Background



This preview shows how the Hex color 74BF71 looks on a white background.

Color Contrast Check

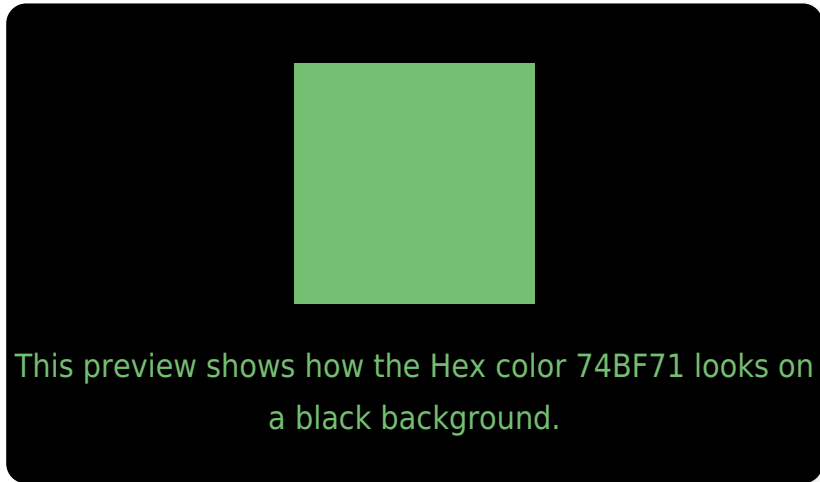
Large Text (above 18pt) WCAG AA × Fail

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

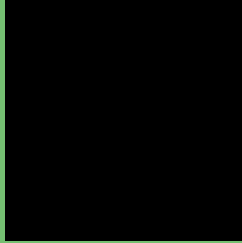
Any Text WCAG AA ✓ Pass

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 74BF71 Background



This preview shows how black text looks on a background with the Hex color 74BF71.

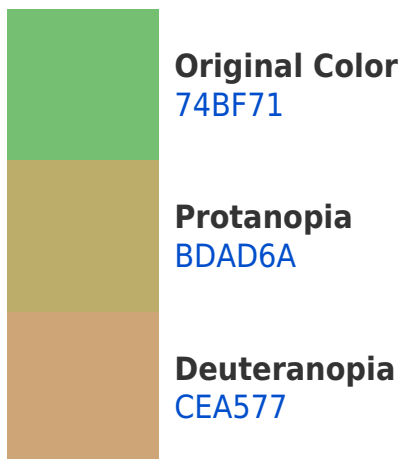


This preview shows how white text looks on a background with the Hex color 74BF71.

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](#).

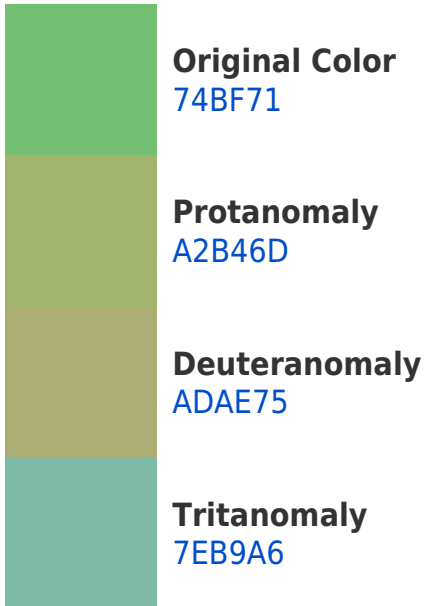
Dichromacy



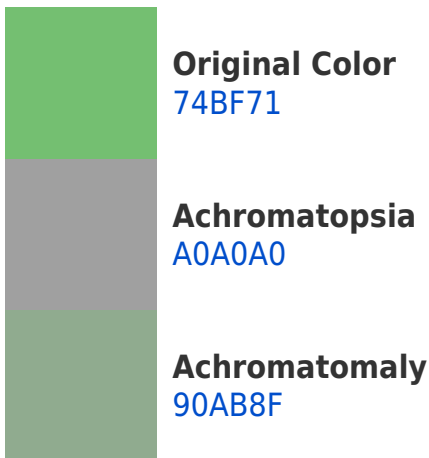


Tritanopia
84B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74BF71 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 #74BF71 looks like.

```
.text, #text, p{  
    color:#74BF71  
}
```

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 #74BF71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BF71
}
```

Border

The CSS property to change the border of an element to Hex 74BF71 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
#74BF71 }
```

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

```
.border{ border-color:#74BF71 }
```

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

Here you see how a box with a 4 pixel #74BF71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BF71; -webkit-box-shadow:4px 4px  
4px 4px #74BF71; box-shadow:4px 4px 4px  
4px #74BF71 }
```

Background

The CSS property to change the background color of an element to Hex 74BF71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BF71 }
```

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

```
.background{ background-color:#74BF71 }
```

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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