

Converting Colors

Hex(74BC86)

Have a look what the booklet for
Hex(74BC86) contains.

Hex(74BC86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(74BC86)

Conversions

Conversions Part 1

Format	Color
Hex	74BC86
RGB	116, 188, 134
RGB Percent	45%, 74%, 53%
CMY	0.5451, 0.2627, 0.4745
CMYK	0.38, 0.00, 0.29, 0.26
HSL	135°, 35%, 60%
HSV	135°, 38%, 74%
XYZ	29.4888, 41.4007, 28.9912
YIQ	160.3160, -25.5780, -32.0580

Conversions

Conversions Part 2

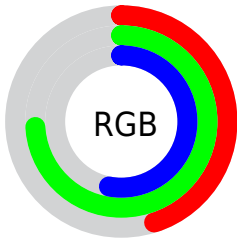
Format	Color
RYB	116, 174, 188
Decimal	7650438
CIELab	70.46, -34.17, 20.40
CIELCh	70, 39.791, 149.166
Yxy	41.4007, 0.2952, 0.4145
Android (android.graphics.Color)	4285840518 (0xFF74BC86)
YUV	160.3160, -12.9738, -38.8651
Hunter-Lab	64.3434, -30.7938, 18.3261

Details

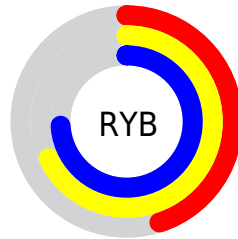
The Hex color **74BC86** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC74AA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ABF5BB**, and **3F8654** is the 20% darker color. If you saturate the color by 10%, you get **61BC78**, and if you desaturate by 10%, it is **87BC94**.

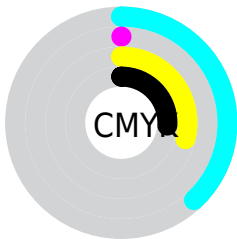
Distribution



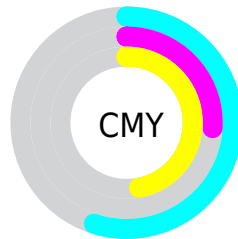
- Red (45%)
- Green (74%)
- Blue (53%)



- Red (45%)
- Yellow (68%)
- Blue (74%)



- Cyan (38%)
- Magenta (0%)
- Yellow (29%)
- Black (26%)



- Cyan (55%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BC86 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 74BC86 by changing the saturation by 10% instead.

 74BC86

 74BC86

FFFFFF

 59A16D

 ABF5BB

 3F8654

 C7FFD7

 246C3C

 E3FFF4

 005426

 003C11

 002600

 000300

 000000

 74BC86

 74BC86

 61BC78

 87BC94

 4EBC6A

 9ABCA2

 3CBC5C

 ACBCB0

 29BC4E

 BFBCBE

 16BC40

 D2BCCD

 03BC31

 E5BCDB

 00BC2F

 F8BCE9

 FFBCF7

 FFBCFF

Harmonies

Analogous

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



9FB56C



74BC86



3FBFAA

Triad

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



74BC86



74B0F4



F1938B

Complementary

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



74BC86



BC74AA

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.



EF90AF



74BC86



AFA3EB

Square

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



74BC86



2ABAEA



D997D2



E29D6F

Rectangle

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



74BC86



04BFC3



D997D2



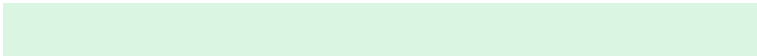
F39196

Sweetspot

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



74BC86



DAF5E1



AABC74



6A7A6E



FAFAFA



7A7A7A

Same Dimension

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



74BC86



84F5A0



74BCAA



555E57



009E28



001F08

Inverse Universe

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



BC74AA



F584D9



BC7486



5E555C



9E0077



1F0017

Previews

White Background



This preview shows how the Hex color 74BC86 looks on a white background.

Color Contrast Check

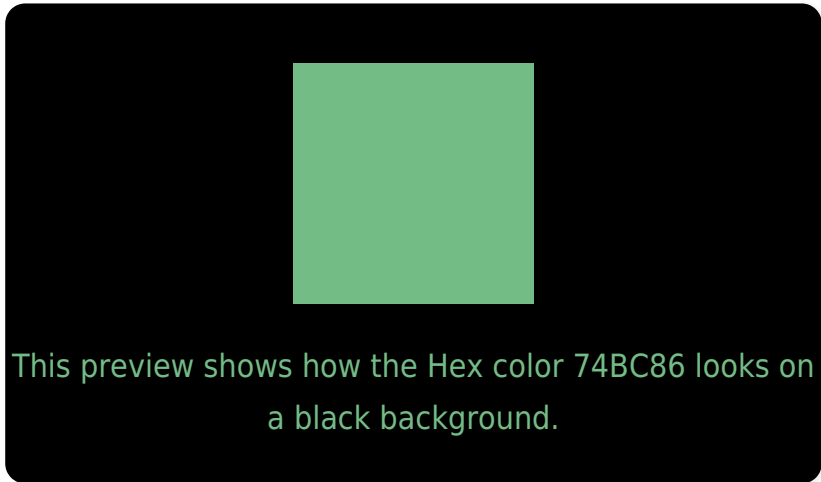
Large Text (above 18pt) WCAG AA × Fail

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

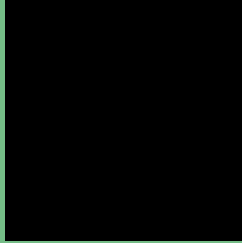
Any Text WCAG AA ✓ Pass

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 74BC86 Background



This preview shows how black text looks on a background with the Hex color 74BC86.

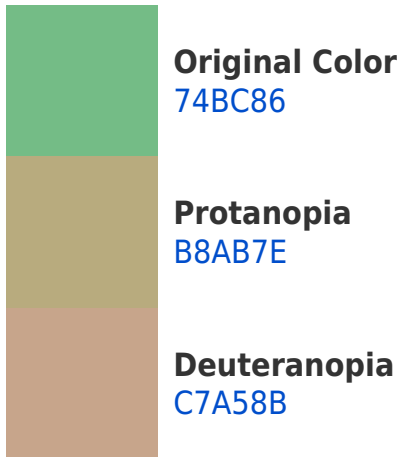


This preview shows how white text looks on a background with the Hex color 74BC86.

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](#).

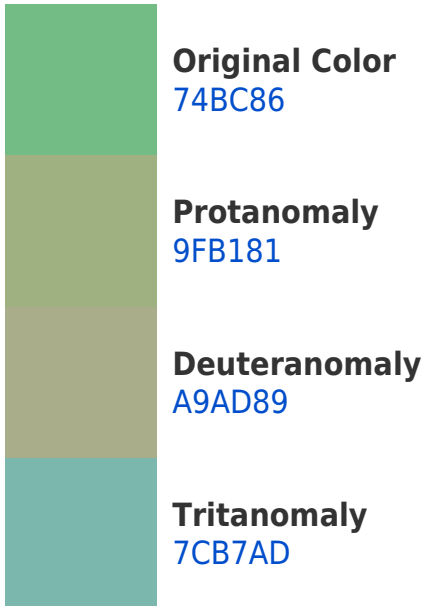
Dichromacy



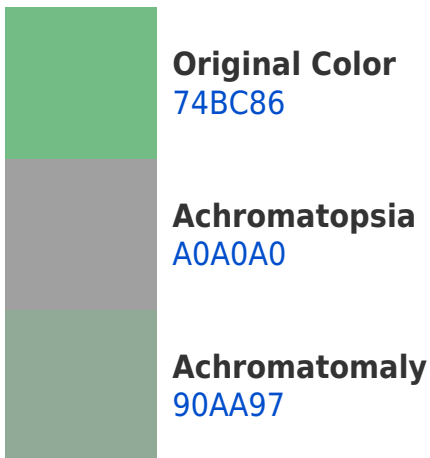


Tritanopia
81B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74BC86 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 #74BC86 looks like.

```
.text, #text, p{  
    color:#74BC86  
}
```

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 #74BC86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BC86
}
```

Border

The CSS property to change the border of an element to Hex 74BC86 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
#74BC86 }
```

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

```
.border{ border-color:#74BC86 }
```

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

Here you see how a box with a 4 pixel #74BC86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BC86; -webkit-box-shadow:4px 4px  
4px 4px #74BC86; box-shadow:4px 4px 4px  
4px #74BC86 }
```

Background

The CSS property to change the background color of an element to Hex 74BC86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BC86 }
```

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

```
.background{ background-color:#74BC86 }
```

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