

Converting Colors

Hex(74BB82)

Have a look what the booklet for
Hex(74BB82) contains.

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Color

Hex(74BB82)

Conversions

Conversions Part 1

Format	Color
Hex	74BB82
RGB	116, 187, 130
RGB Percent	45%, 73%, 51%
CMY	0.5451, 0.2667, 0.4902
CMYK	0.38, 0.00, 0.30, 0.27
HSL	132°, 34%, 59%
HSV	132°, 38%, 73%
XYZ	29.0020, 40.8654, 27.4783
YIQ	159.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

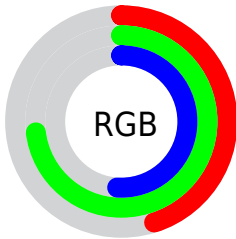
Format	Color
RYB	116, 175, 187
Decimal	7650178
CIELab	70.08, -34.43, 22.03
CIELCh	70, 40.870, 147.386
Yxy	40.8654, 0.2979, 0.4198
Android (android.graphics.Color)	4285840258 (0xFF74BB82)
YUV	159.2730, -14.4316, -37.9504
Hunter-Lab	63.9260, -30.8884, 19.2627

Details

The Hex color **74BB82** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB74AD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **AAF4B7**, and **3F8550** is the 20% darker color. If you saturate the color by 10%, you get **61BB73**, and if you desaturate by 10%, it is **87BB91**.

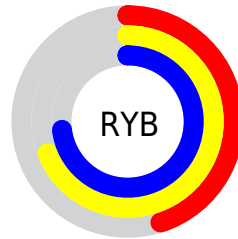
Distribution



Red (45%)

Green (73%)

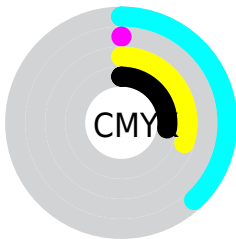
Blue (51%)



Red (45%)

Yellow (69%)

Blue (73%)

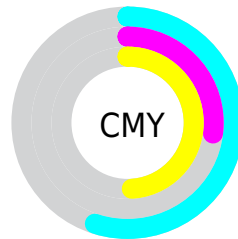


Cyan (38%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (55%)

Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 74BB82 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 74BB82 by changing the saturation by 10% instead.

 74BB82

 74BB82

FFFFFF

 5AA069

 AAF4B7

 3F8550

 C7FFD3

 246C39

 E3FFE7

 005322

 003B0D

 002600

 000100

 000000

 74BB82

 74BB82

 61BB73

 87BB91

 4FBB64

 99BBA0

 3CBB55

 ACBBAF

 29BB46

 BFBBBE

 17BB37

 D2BB CD

 04BB28

 E4BB DC

 00BB25

 F7BB EB

 FFBB FA

 FFBB FF

Harmonies

Analogous

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



A0B368



74BB82



3CBFA7

Triad

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



74BB82



6DB0F5



F2908B

Complementary

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



74BB82



BB74AD

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.



EF8EB0



74BB82



AAA3ED

Square

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



74BB82



0EB9E9



D796D4



E39B6E

Rectangle

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



74BB82



00BFC0



D796D4



F38F97

Sweetspot

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



74BB82



D8F2DD



AEBB74



6A7A6E



FAFAFA



7A7A7A

Same Dimension

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



74BB82



83F299



74BBA5



555E57



009E1F



001F06

Inverse Universe

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



BB74AD



F283DC



BB748A



5E555C



9E007F



1F0019

Previews

White Background



This preview shows how the Hex color 74BB82 looks on a white background.

Color Contrast Check

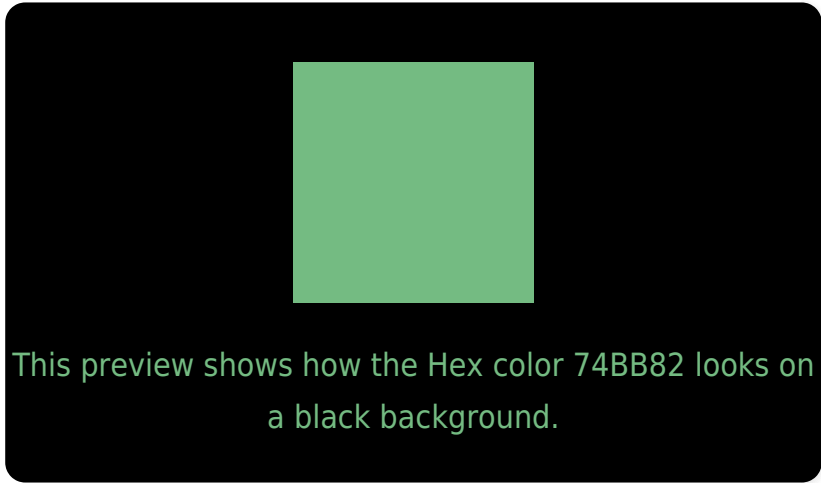
Large Text (above 18pt) WCAG AA × Fail

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

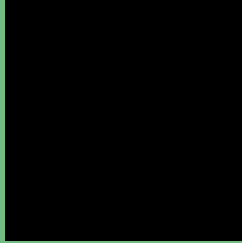
Any Text WCAG AA ✓ Pass

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 74BB82 Background



This preview shows how black text looks on a background with the Hex color 74BB82.

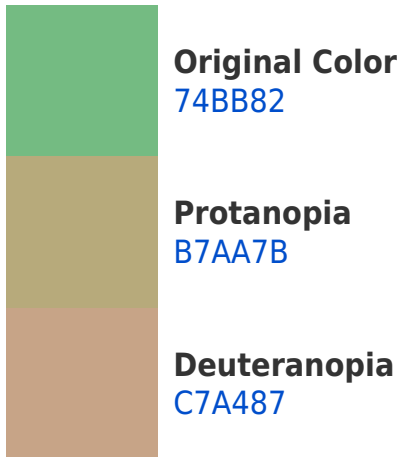


This preview shows how white text looks on a background with the Hex color 74BB82.

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](#).

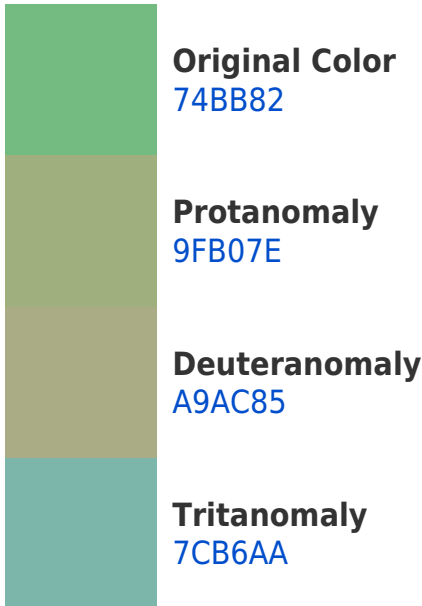
Dichromacy



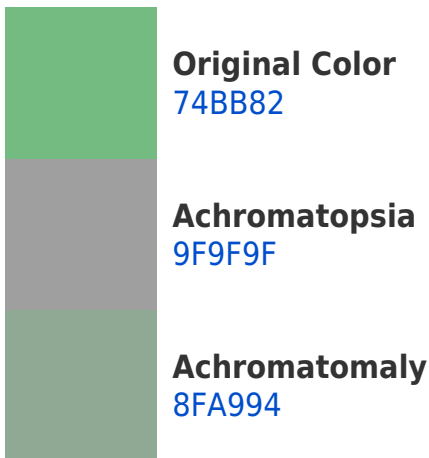


Tritanopia
81B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 74BB82 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 #74BB82 looks like.

```
.text, #text, p{  
    color:#74BB82  
}
```

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 #74BB82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #74BB82
}
```

Border

The CSS property to change the border of an element to Hex 74BB82 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
#74BB82 }
```

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

```
.border{ border-color:#74BB82 }
```

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

Here you see how a box with a 4 pixel #74BB82 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #74BB82; -webkit-box-shadow:4px 4px  
4px 4px #74BB82; box-shadow:4px 4px 4px  
4px #74BB82 }
```

Background

The CSS property to change the background color of an element to Hex 74BB82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#74BB82 }
```

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

```
.background{ background-color:#74BB82 }
```

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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