

Converting Colors

Hex(73BC80)

Have a look what the booklet for
Hex(73BC80) contains.

Hex(73BC80)	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(73BC80)

Conversions

Conversions Part 1

Format	Color
Hex	73BC80
RGB	115, 188, 128
RGB Percent	45%, 74%, 50%
CMY	0.5490, 0.2627, 0.4980
CMYK	0.39, 0.00, 0.32, 0.26
HSL	131°, 35%, 59%
HSV	131°, 39%, 74%
XYZ	28.9497, 41.1698, 26.8428
YIQ	159.3330, -24.2480, -34.1360

Conversions

Conversions Part 2

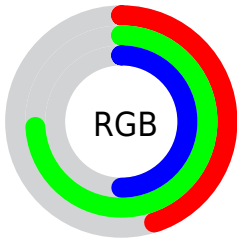
Format	Color
RYB	115, 177, 188
Decimal	7584896
CIELab	70.29, -35.55, 23.38
CIELCh	70, 42.546, 146.669
Yxy	41.1698, 0.2986, 0.4246
Android (android.graphics.Color)	4285774976 (0xFF73BC80)
YUV	159.3330, -15.4472, -38.8800
Hunter-Lab	64.1637, -31.7498, 20.1107

Details

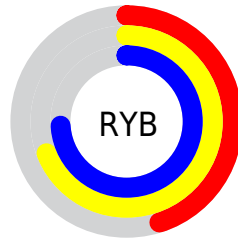
The Hex color **73BC80** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC73AF**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AAF5B5**, and **3E864E** is the 20% darker color. If you saturate the color by 10%, you get **60BC71**, and if you desaturate by 10%, it is **86BC8F**.

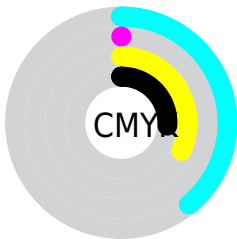
Distribution



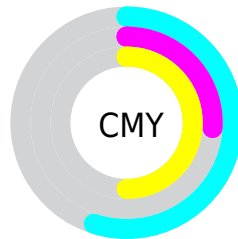
- Red (45%)
- Green (74%)
- Blue (50%)



- Red (45%)
- Yellow (69%)
- Blue (74%)



- Cyan (39%)
- Magenta (0%)
- Yellow (32%)
- Black (26%)



- Cyan (55%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 73BC80 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 73BC80 by changing the saturation by 10% instead.

 73BC80

 73BC80

FFFFFF

 58A167

 AAF5B5

 3E864E

 C6FFD1

 226C37

 E2FFED

 005420

 003C0A

 002600

 000200

 000000

 73BC80

 73BC80

 60BC71

 86BC8F

 4DBC61

 99BC9F

 3BBC52

 ABBCAE

 28BC42

 BEBCBE

 15BC33

 D1BCCD

 02BC23

 E4BCDD

 00BC21

 F7BCEC

 FFBCFC

 FFBCFF

Harmonies

Analogous

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



A1B465



73BC80



35C0A6

Triad

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



73BC80



67B1F9



F5908B

Complementary

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



73BC80



BC73AF

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.



F28DB2



73BC80



A9A3F1

Square

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



73BC80



00BBEC



D895D7



E69A6C

Rectangle

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



73BC80



00C0C1



D895D7



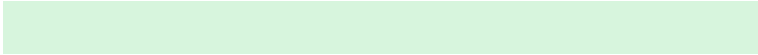
F78E98

Sweetspot

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



73BC80



D7F5DD



B0BC73



697A6C



FAFAFA



7A7A7A

Same Dimension

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



73BC80



82F596



73BCA4



555E57



009E1C



001F05

Inverse Universe

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



BC73AF



F582E0



BC738B



5E555D



9E0082



1F0019

Previews

White Background



This preview shows how the Hex color 73BC80 looks on a white background.

Color Contrast Check

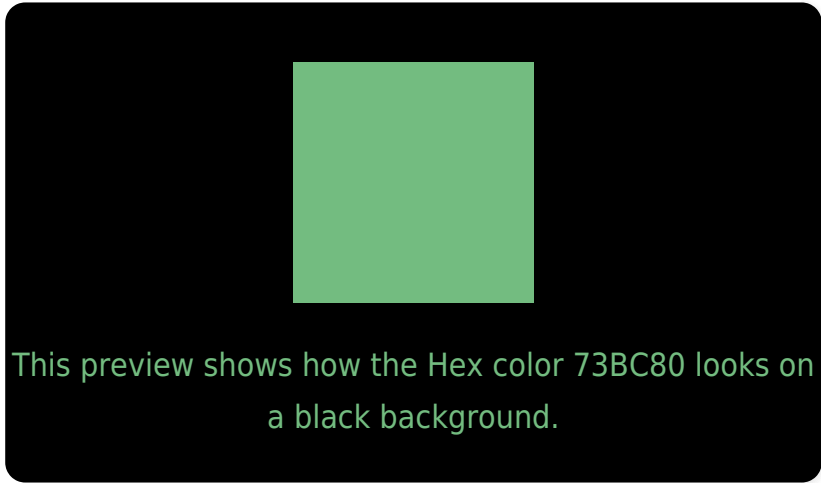
Large Text (above 18pt) WCAG AA × Fail

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

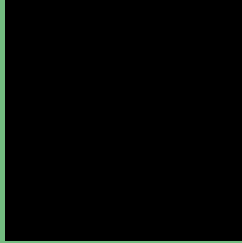
Any Text WCAG AA ✓ Pass

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 73BC80 Background



This preview shows how black text looks on a background with the Hex color 73BC80.

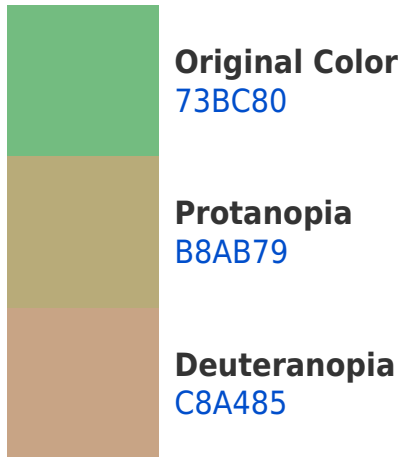


This preview shows how white text looks on a background with the Hex color 73BC80.

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](#).

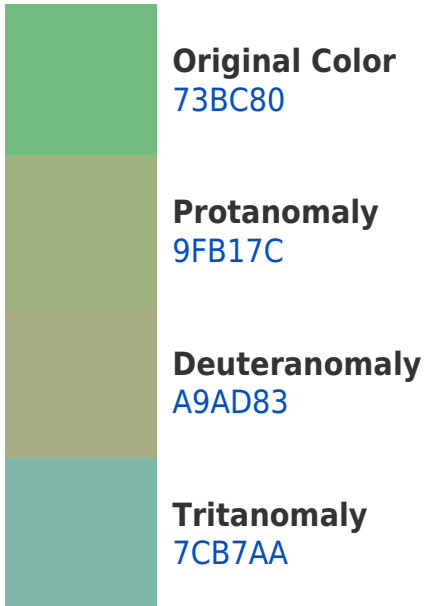
Dichromacy



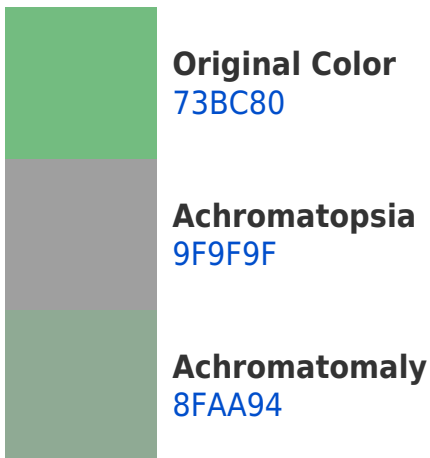


Tritanopia
81B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 73BC80 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 #73BC80 looks like.

```
.text, #text, p{  
    color:#73BC80  
}
```

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 #73BC80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73BC80
}
```

Border

The CSS property to change the border of an element to Hex 73BC80 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
#73BC80 }
```

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

```
.border{ border-color:#73BC80 }
```

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

Here you see how a box with a 4 pixel #73BC80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73BC80; -webkit-box-shadow:4px 4px  
4px 4px #73BC80; box-shadow:4px 4px 4px  
4px #73BC80 }
```

Background

The CSS property to change the background color of an element to Hex 73BC80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73BC80 }
```

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

```
.background{ background-color:#73BC80 }
```

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