

Converting Colors

Hex(7BC180)

Have a look what the booklet for
Hex(7BC180) contains.

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Color

Hex(7BC180)

Conversions

Conversions Part 1

Format	Color
Hex	7BC180
RGB	123, 193, 128
RGB Percent	48%, 76%, 50%
CMY	0.5176, 0.2431, 0.4980
CMYK	0.36, 0.00, 0.34, 0.24
HSL	124°, 36%, 62%
HSV	124°, 36%, 76%
XYZ	31.1346, 43.9094, 27.2565
YIQ	164.6600, -20.8550, -35.0550

Conversions

Conversions Part 2

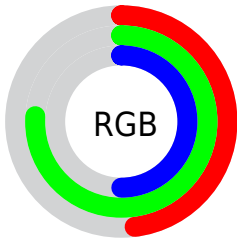
Format	Color
RYB	123, 188, 193
Decimal	8110464
CIELab	72.17, -35.36, 25.97
CIELCh	72, 43.872, 143.711
Yxy	43.9094, 0.3043, 0.4292
Android (android.graphics.Color)	4286300544 (0xFF7BC180)
YUV	164.6600, -18.0734, -36.5358
Hunter-Lab	66.2642, -32.0930, 21.9971

Details

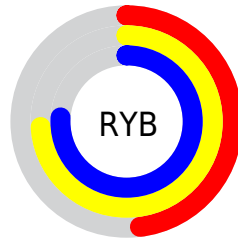
The Hex color **7BC180** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C17BBC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B2FAB5**, and **468B4E** is the 20% darker color. If you saturate the color by 10%, you get **68C16E**, and if you desaturate by 10%, it is **8EC192**.

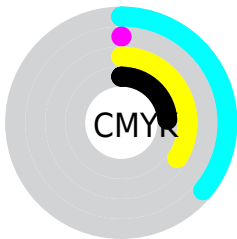
Distribution



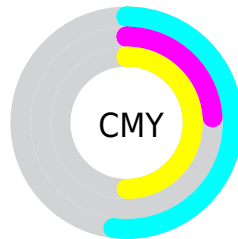
- Red (48%)
- Green (76%)
- Blue (50%)



- Red (48%)
- Yellow (74%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (52%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BC180 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 7BC180 by changing the saturation by 10% instead.

 7BC180

 7BC180

FFFFFF

 60A667

 B2FAB5

 468B4E

 CEFFD1

 2B7137

 EBFFED

 0B5820

 004009

 002A00

 000E00

 000000

 7BC180

 7BC180

 68C16E

 8EC192

 54C15C

 A2C1A4

 41C14A

 B5C1B6

 2EC138

 C8C1C8

 1BC126

 DCC1DA

 07C114

 EFC1EC

 00C10E

 FFC1FD

 FFC1FF

Harmonies

Analogous

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



AAB866



7BC180



3DC5A7

Triad

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



7BC180



61B8FF



FE9393

Complementary

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



7BC180



C17BBC

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.



F891BB



7BC180



A8AAFA

Square

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



7BC180



00C1F1



DB9BE1



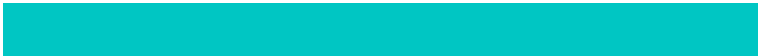
EF9E72

Rectangle

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



7BC180



00C6C3



DB9BE1



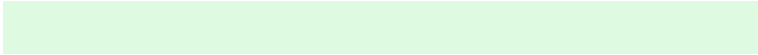
FE91A0

Sweetspot

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



7BC180



DEFAE0



BCC17B



6D7D6E



FCFCFC



7D7D7D

Same Dimension

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



7BC180



8CFA94



7BC1A3



576158



00A10B



002102

Inverse Universe

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



C17BBC



FA8CF2



C17B99



615760



A10095



21001F

Previews

White Background



This preview shows how the Hex color 7BC180 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



This preview shows how the Hex color 7BC180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

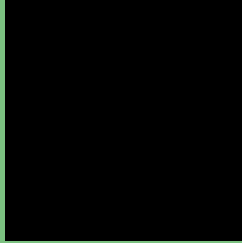
Any Text WCAG AA ✓ Pass

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 7BC180 Background



This preview shows how black text looks on a background with the Hex color 7BC180.

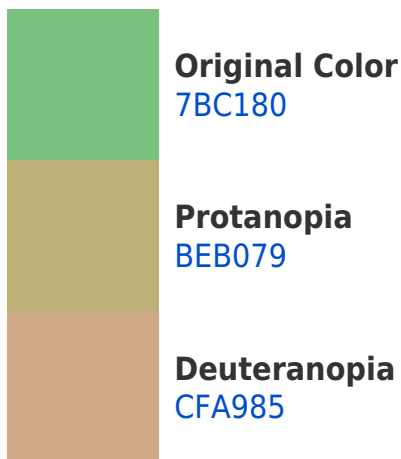


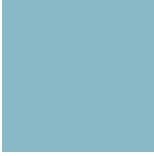
This preview shows how white text looks on a background with the Hex color 7BC180.

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
89B8C7

Trichromacy



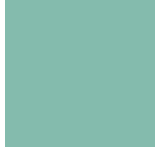
Original Color
7BC180



Protanomaly
A6B67C



Deuteranomaly
B0B283



Tritanomaly
84BBAD

Monochromacy



Original Color
7BC180



Achromatopsia
A5A5A5



Achromatomaly
96AF98

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BC180 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 #7BC180 looks like.

```
.text, #text, p{  
    color:#7BC180  
}
```

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 #7BC180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BC180
}
```

Border

The CSS property to change the border of an element to Hex 7BC180 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
#7BC180 }
```

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

```
.border{ border-color:#7BC180 }
```

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

Here you see how a box with a 4 pixel #7BC180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BC180; -webkit-box-shadow:4px 4px  
4px 4px #7BC180; box-shadow:4px 4px 4px  
4px #7BC180 }
```

Background

The CSS property to change the background color of an element to Hex 7BC180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BC180 }
```

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

```
.background{ background-color:#7BC180 }
```

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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