

Converting Colors

Hex(7BB180)

Have a look what the booklet for
Hex(7BB180) contains.

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Color

Hex(7BB180)

Conversions

Conversions Part 1

Format	Color
Hex	7BB180
RGB	123, 177, 128
RGB Percent	48%, 69%, 50%
CMY	0.5176, 0.3059, 0.4980
CMYK	0.31, 0.00, 0.28, 0.31
HSL	126°, 26%, 59%
HSV	126°, 31%, 69%
XYZ	27.7868, 37.2137, 26.1405
YIQ	155.2680, -16.4550, -26.6870

Conversions

Conversions Part 2

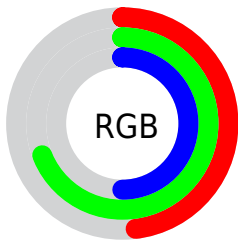
Format	Color
RYB	123, 172, 177
Decimal	8106368
CIELab	67.44, -27.80, 19.55
CIELCh	67, 33.985, 144.875
Yxy	37.2137, 0.3049, 0.4083
Android (android.graphics.Color)	4286296448 (0xFF7BB180)
YUV	155.2680, -13.4431, -28.2990
Hunter-Lab	61.0031, -25.4489, 17.2957

Details

The Hex color **7BB180** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B17BAC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **B1E9B5**, and **487C4E** is the 20% darker color. If you saturate the color by 10%, you get **69B170**, and if you desaturate by 10%, it is **8DB190**.

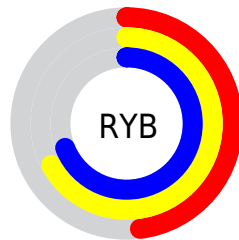
Distribution



Red (48%)

Green (69%)

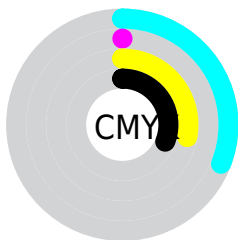
Blue (50%)



Red (48%)

Yellow (67%)

Blue (69%)

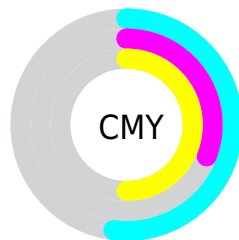


Cyan (31%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (52%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB180 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 7BB180 by changing the saturation by 10% instead.

 7BB180

 7BB180

FFFFFF

 619667

 B1E9B5

 487C4E

 CDFFD1

 2F6337

 E9FFED

 154B21

 00330C

 002000

 000000

 7BB180

 7BB180

 69B170

 8DB190

■ 58B160

■ 9EB1A0

■ 46B150

■ B0B1B0

■ 34B140

■ C2B1C0

■ 23B130

■ D3B1D0

■ 11B120

■ E5B1E0

■ 00B110

■ F7B1F0

■ FFB1FF

Harmonies

Analogous

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



9FAA6C



7BB180



55B49E

Triad

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



7BB180



71A9E1



E08E8C

Complementary

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



7BB180



B17BAC

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.



DC8DAB



7BB180



A19EDC

Square

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



7BB180



42B0D5



C694C8



D59673

Rectangle

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



7BB180



3DB5B3



C694C8



E18D96

Sweetspot

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



7BB180



D1E6D3



ADB17B



667367



F2F2F2



737373

Same Dimension

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



7BB180



91E698



7BB19B



505951



00990E



001A02

Inverse Universe

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



B17BAC



E691DE



B17B91



595058



99008B



1A0017

Previews

White Background



This preview shows how the Hex color 7BB180 looks on a white background.

Color Contrast Check

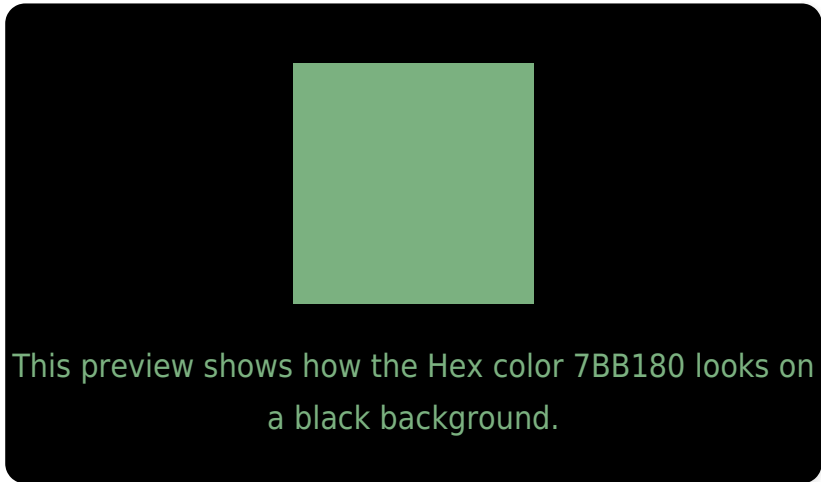
Large Text (above 18pt) WCAG AA × Fail

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

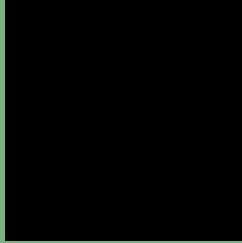
Any Text WCAG AA ✓ Pass

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 7BB180 Background



This preview shows how black text looks on a background with the Hex color 7BB180.

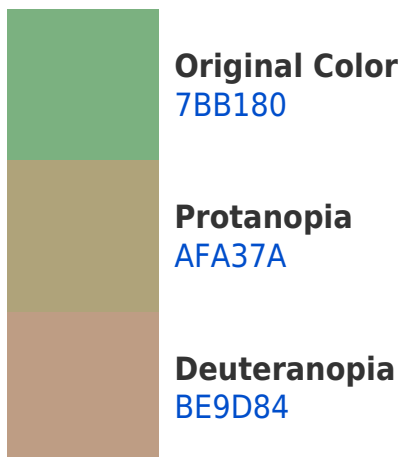


This preview shows how white text looks on a background with the Hex color 7BB180.

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](#).

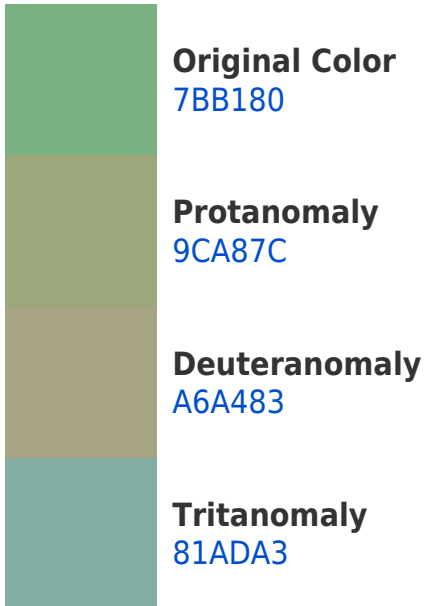
Dichromacy



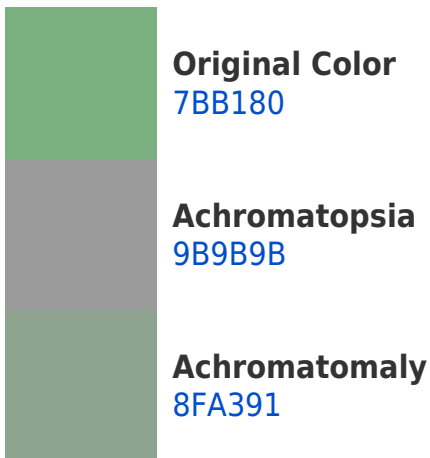


Tritanopia
85AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB180 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 #7BB180 looks like.

```
.text, #text, p{  
    color:#7BB180  
}
```

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 #7BB180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB180
}
```

Border

The CSS property to change the border of an element to Hex 7BB180 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
#7BB180 }
```

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

```
.border{ border-color:#7BB180 }
```

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

Here you see how a box with a 4 pixel #7BB180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB180; -webkit-box-shadow:4px 4px  
4px 4px #7BB180; box-shadow:4px 4px 4px  
4px #7BB180 }
```

Background

The CSS property to change the background color of an element to Hex 7BB180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB180 }
```

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

```
.background{ background-color:#7BB180 }
```

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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