

Converting Colors

Hex(7BB788)

Have a look what the booklet for
Hex(7BB788) contains.

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Color

Hex(7BB788)

Conversions

Conversions Part 1

Format	Color
Hex	7BB788
RGB	123, 183, 136
RGB Percent	48%, 72%, 53%
CMY	0.5176, 0.2824, 0.4667
CMYK	0.33, 0.00, 0.26, 0.28
HSL	133°, 29%, 60%
HSV	133°, 33%, 72%
XYZ	29.5458, 39.8555, 29.4282
YIQ	159.7020, -20.6730, -27.3370

Conversions

Conversions Part 2

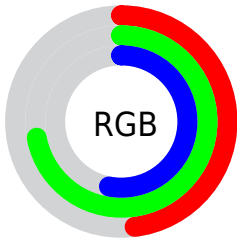
Format	Color
RYB	123, 172, 183
Decimal	8107912
CIELab	69.37, -29.25, 17.87
CIELCh	69, 34.282, 148.575
Yxy	39.8555, 0.2990, 0.4033
Android (android.graphics.Color)	4286297992 (0xFF7BB788)
YUV	159.7020, -11.6851, -32.1877
Hunter-Lab	63.1312, -26.9405, 16.5542

Details

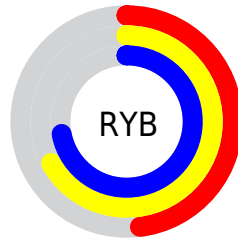
The Hex color **7BB788** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B77BAA**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B1EFBD**, and **478256** is the 20% darker color. If you saturate the color by 10%, you get **69B77A**, and if you desaturate by 10%, it is **8DB796**.

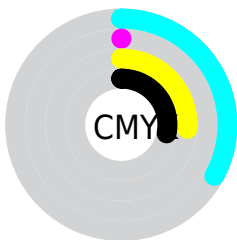
Distribution



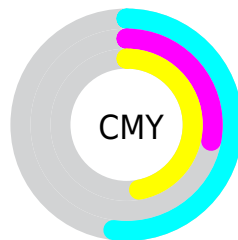
- Red (48%)
- Green (72%)
- Blue (53%)



- Red (48%)
- Yellow (67%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB788 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 7BB788 by changing the saturation by 10% instead.

 7BB788

 7BB788

FFFFFF

 619C6F

 B1EFBD

 478256

 CDFFD9

 2E683E

 EAFFF6

 135028

 003813

 002300

 000000

 7BB788

 7BB788

 69B77A

 8DB796

 56B76B

 A0B7A5

 44B75D

 B2B7B3

 32B74F

 C4B7C1

 20B740

 D7B7D0

 0DB732

 E9B7DE

 00B728

 FBB7EC

 FFB7FB

 FFB7FF

Harmonies

Analogous

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



A0B072



7BB788



55BAA7

Triad

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



7BB788



7CADE7



E6948D

Complementary

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



7BB788



B77BAA

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.



E392AC



7BB788



ABA2E0

Square

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



7BB788



4CB5DE



CF97CA



D99C75

Rectangle

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



7BB788



3FBABC



CF97CA



E79297

Sweetspot

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



7BB788



D5EDDB



AAB77B



69786D



F7F7F7



787878

Same Dimension

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



7BB788



91EDA5



7BB7A6



535C55



009C22



001C06

Inverse Universe

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



B77BAA



ED91D9



B77B8C



5C535A



9C007A



1C0016

Previews

White Background



This preview shows how the Hex color 7BB788 looks on a white background.

Color Contrast Check

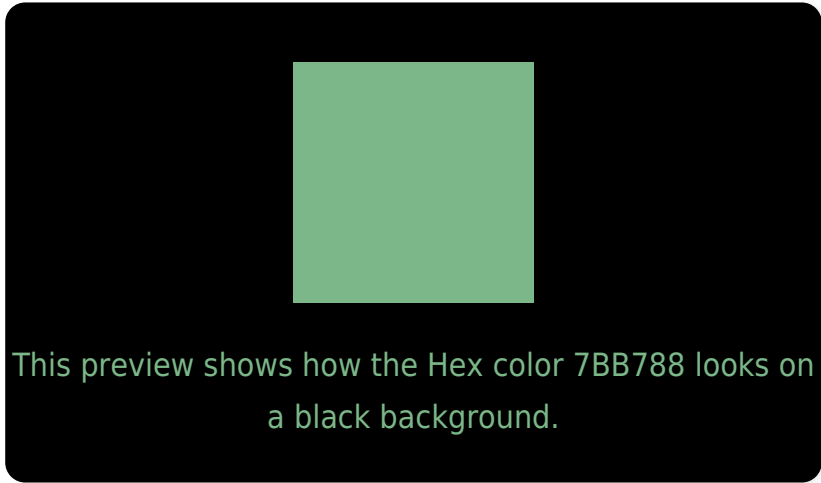
Large Text (above 18pt) WCAG AA × Fail

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

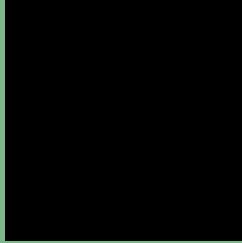
Any Text WCAG AA ✓ Pass

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 7BB788 Background



This preview shows how black text looks on a background with the Hex color 7BB788.



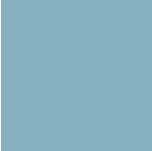
This preview shows how white text looks on a background with the Hex color 7BB788.

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](#).

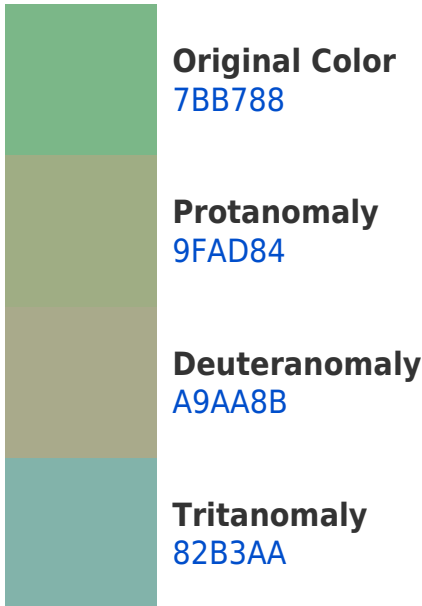
Dichromacy



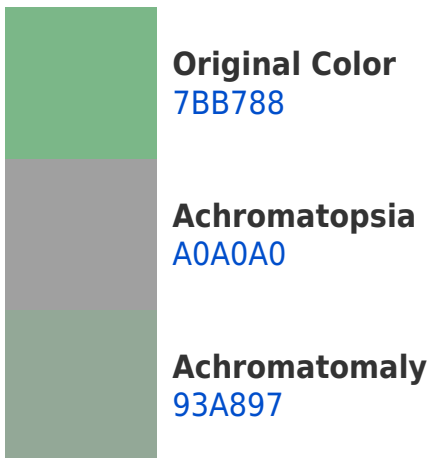


Tritanopia
86B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB788 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 #7BB788 looks like.

```
.text, #text, p{  
    color:#7BB788  
}
```

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 #7BB788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB788
}
```

Border

The CSS property to change the border of an element to Hex 7BB788 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
#7BB788 }
```

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

```
.border{ border-color:#7BB788 }
```

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

Here you see how a box with a 4 pixel #7BB788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB788; -webkit-box-shadow:4px 4px  
4px 4px #7BB788; box-shadow:4px 4px 4px  
4px #7BB788 }
```

Background

The CSS property to change the background color of an element to Hex 7BB788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB788 }
```

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

```
.background{ background-color:#7BB788 }
```

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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