

Converting Colors

Hex(7BB791)

Have a look what the booklet for
Hex(7BB791) contains.

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Color

Hex(7BB791)

Conversions

Conversions Part 1

Format	Color
Hex	7BB791
RGB	123, 183, 145
RGB Percent	48%, 72%, 57%
CMY	0.5176, 0.2824, 0.4314
CMYK	0.33, 0.00, 0.21, 0.28
HSL	142°, 29%, 60%
HSV	142°, 33%, 72%
XYZ	30.2127, 40.1223, 32.9401
YIQ	160.7280, -23.5620, -24.5380

Conversions

Conversions Part 2

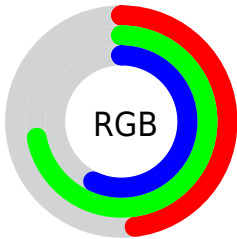
Format	Color
RYB	123, 167, 183
Decimal	8107921
CIELab	69.56, -27.54, 13.25
CIELCh	70, 30.564, 154.310
Yxy	40.1223, 0.2925, 0.3885
Android (android.graphics.Color)	4286298001 (0xFF7BB791)
YUV	160.7280, -7.7539, -33.0875
Hunter-Lab	63.3421, -25.7085, 13.5067

Details

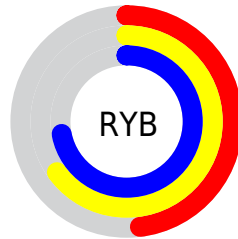
The Hex color **7BB791** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B77BA1**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1EFC7**, and **47825E** is the 20% darker color. If you saturate the color by 10%, you get **69B785**, and if you desaturate by 10%, it is **8DB79D**.

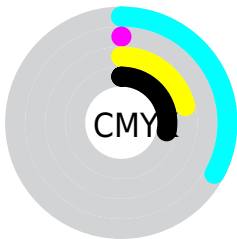
Distribution



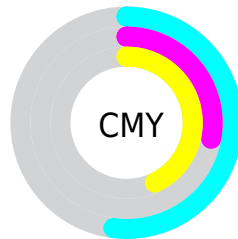
- Red (48%)
- Green (72%)
- Blue (57%)



- Red (48%)
- Yellow (65%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB791 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 7BB791 by changing the saturation by 10% instead.



7BB791



7BB791

FFFFFF



619C77



B1EFC7



47825E



CDFFE3



2E6847



EAFFFF



135030



00381B



002301



000000



7BB791



7BB791



69B785



8DB79D

 56B77A

 A0B7A8

 44B76E

 B2B7B4

 32B763

 C4B7BF

 20B757

 D7B7CB

 0DB74B

 E9B7D7

 00B743

 FBB7E2

 FFB7EE

 FFB7F9

Harmonies

Analogous

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



9BB27B



7BB791



5DB9AD

Triad

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



7BB791



8BABE1



DF988C

Complementary

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



7BB791



B77BA1

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.



E095A7



7BB791



B3A1D8

Square

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



7BB791



64B3DB



D199C2



D1A079

Rectangle

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



7BB791



50B9C0



D199C2



E19694

Sweetspot

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



7BB791



D5EDDE



A1B77B



69786F



F7F7F7



787878

Same Dimension

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



7BB791



91EDB3



7BB7AF



535C56



009C39



001C0A

Inverse Universe

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



B77BA1



ED91CB



B77B83



5C5358



9C0063



1C0012

Previews

White Background



This preview shows how the Hex color 7BB791 looks on a white background.

Color Contrast Check

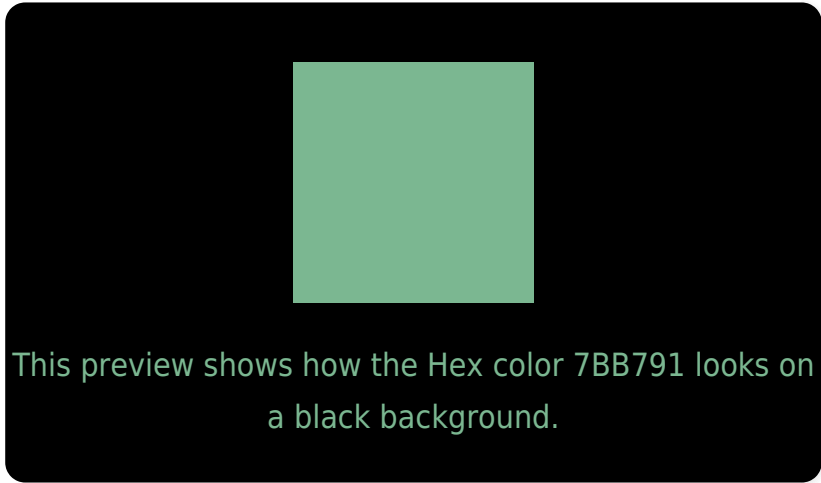
Large Text (above 18pt) WCAG AA × Fail

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

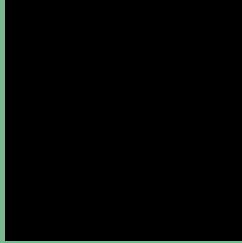
Any Text WCAG AA ✓ Pass

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 7BB791 Background



This preview shows how black text looks on a background with the Hex color 7BB791.

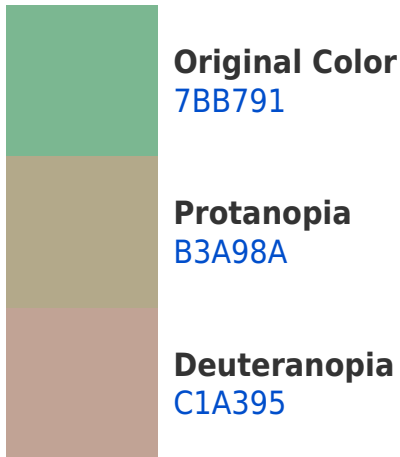


This preview shows how white text looks on a background with the Hex color 7BB791.

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](#).

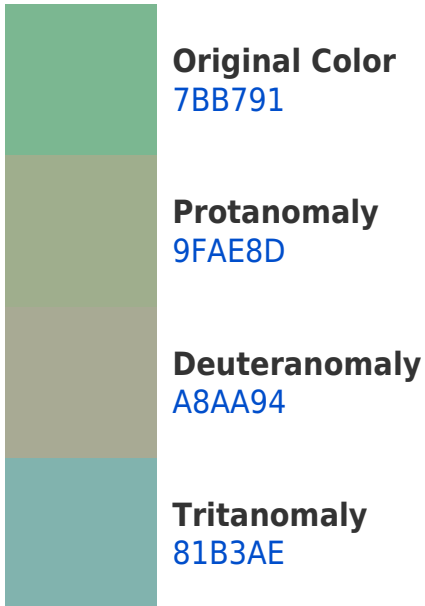
Dichromacy



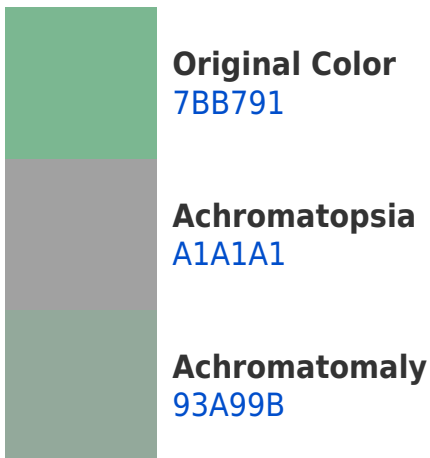


Tritanopia
84B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB791 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 #7BB791 looks like.

```
.text, #text, p{  
    color:#7BB791  
}
```

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 #7BB791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB791
}
```

Border

The CSS property to change the border of an element to Hex 7BB791 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
#7BB791 }
```

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

```
.border{ border-color:#7BB791 }
```

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

Here you see how a box with a 4 pixel #7BB791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB791; -webkit-box-shadow:4px 4px  
4px 4px #7BB791; box-shadow:4px 4px 4px  
4px #7BB791 }
```

Background

The CSS property to change the background color of an element to Hex 7BB791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB791 }
```

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

```
.background{ background-color:#7BB791 }
```

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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