

# Converting Colors

Hex(7BB5A1)

Have a look what the booklet for  
Hex(7BB5A1) contains.

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# **Color**

**Hex(7BB5A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BB5A1
RGB	123, 181, 161
RGB Percent	48%, 71%, 63%
CMY	0.5176, 0.2902, 0.3686
CMYK	0.32, 0.00, 0.11, 0.29
HSL	159°, 28%, 60%
HSV	159°, 32%, 71%
XYZ	31.1253, 39.8319, 39.7661
YIQ	161.3780, -28.1480, -18.5160

# Conversions

## Conversions Part 2

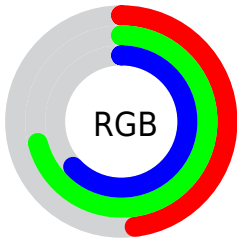
Format	Color
<a href="#">RYB</a>	<a href="#">123, 158, 181</a>
Decimal	<a href="#">8107425</a>
CIELab	<a href="#">69.35, -23.25, 4.19</a>
CIElCh	<a href="#">69, 23.625, 169.773</a>
Yxy	<a href="#">39.8319, 0.2811, 0.3597</a>
Android (android.graphics.Color)	<a href="#">4286297505 (0xFF7BB5A1)</a>
YUV	<a href="#">161.3780, -0.1864, -33.6575</a>
Hunter-Lab	<a href="#">63.1125, -22.4159, 6.8212</a>

# Details

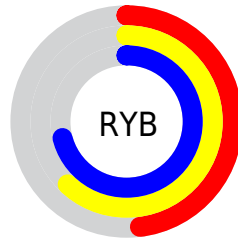
The Hex color **7BB5A1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B57B8F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B1EDD8**, and **47806E** is the 20% darker color. If you saturate the color by 10%, you get **69B59B**, and if you desaturate by 10%, it is **8DB5A7**.

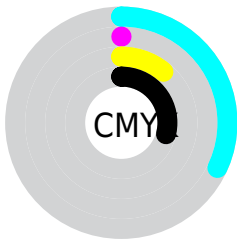
# Distribution



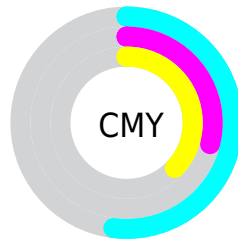
- Red (48%)
- Green (71%)
- Blue (63%)



- Red (48%)
- Yellow (62%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (52%)
- Magenta (29%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BB5A1 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 7BB5A1 by changing the saturation by 10% instead.



 7BB5A1

 7BB5A1

FFFFFF

 619A87

 B1EDD8

 47806E

 CDFFF4

 2E6755

 EAFFFF

 134E3E

 003728

 002214

 000000

 7BB5A1

 7BB5A1

 69B59B

 8DB5A7

 57B595

 9FB5AD

 45B58E

 B1B5B4

 33B588

 C3B5BA

 21B582

 D6B5C0

 0EB57C

 E8B5C6

 00B577

 FAB5CD

 FFB5D3

 FFB5D9

# Harmonies

## Analogous

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



92B28D



7BB5A1



6DB5B7

# Triad

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



7BB5A1



A3A6D1



D09F8A

# Complementary

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



7BB5A1



B57B8F

# 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.



D59A9C



7BB5A1



BE9FC5

# Square

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



7BB5A1



86AED3



CF9BB2



C0A580

# Rectangle

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



7BB5A1



6DB4C4



CF9BB2



D39D8F



# Sweetspot

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



7BB5A1



D3EBE3



8FB57B



677570



F5F5F5



757575



# Same Dimension

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



7BB5A1



91EBCC



7BACB5



505956



009964



001A11



# Inverse Universe

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



B57B8F



EB91B0



B5847B



595053



990035

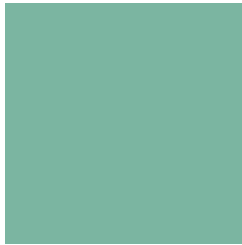


1A0009



# Previews

## White Background



This preview shows how the Hex color 7BB5A1 looks on a white background.

## Color Contrast Check

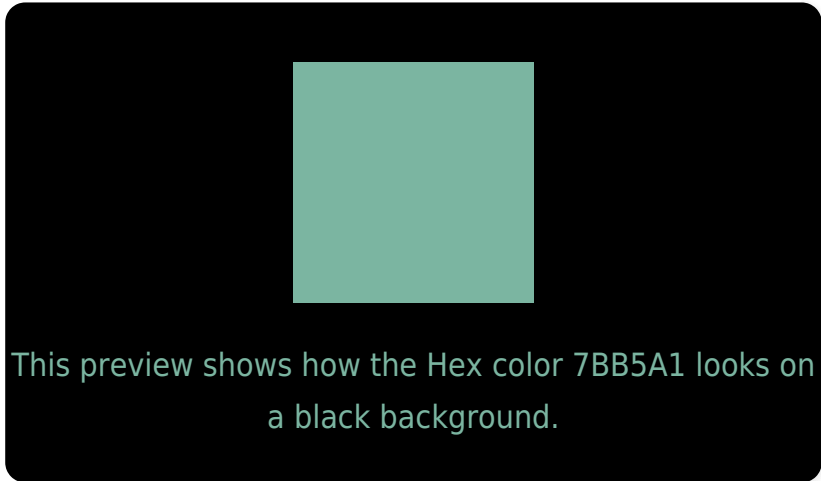
Large Text (above 18pt) WCAG AA × Fail

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

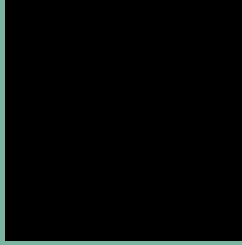
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

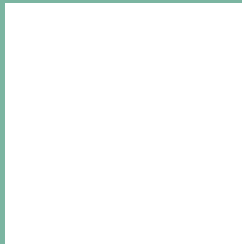
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7BB5A1 Background



This preview shows how black text looks on a background with the Hex color 7BB5A1.

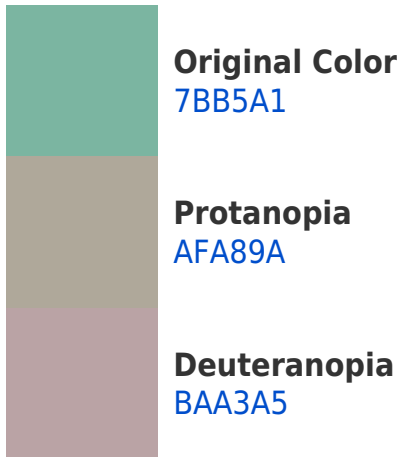


This preview shows how white text looks on a background with the Hex color 7BB5A1.

# 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](#).

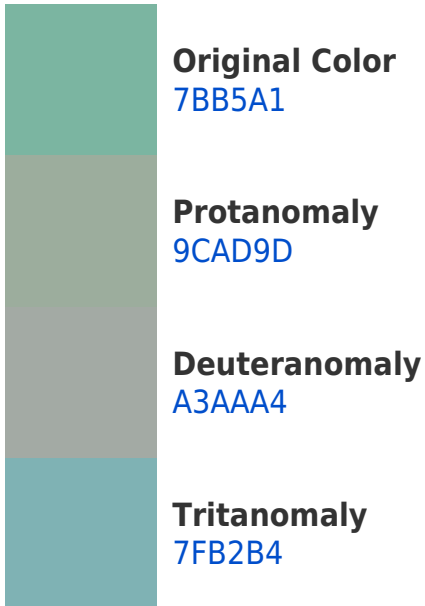
## Dichromacy



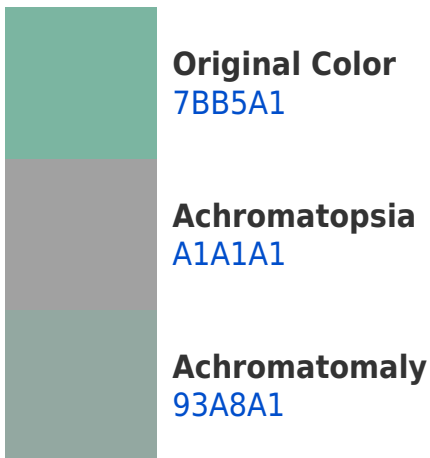


**Tritanopia**  
82B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BB5A1 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 #7BB5A1 looks like.

```
.text, #text, p{  
    color:#7BB5A1  
}
```

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 #7BB5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB5A1
}
```

## Border

The CSS property to change the border of an element to Hex 7BB5A1 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
#7BB5A1 }
```

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

```
.border{ border-color:#7BB5A1 }
```

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

Here you see how a box with a 4 pixel #7BB5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB5A1; -webkit-box-shadow:4px 4px  
4px 4px #7BB5A1; box-shadow:4px 4px 4px  
4px #7BB5A1 }
```

# Background

The CSS property to change the background color of an element to Hex 7BB5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB5A1 }
```

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

```
.background{ background-color:#7BB5A1 }
```

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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