

# Converting Colors

Hex(7BA298)

Have a look what the booklet for  
Hex(7BA298) contains.

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# **Color**

**Hex(7BA298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BA298
RGB	123, 162, 152
RGB Percent	48%, 64%, 60%
CMY	0.5176, 0.3647, 0.4039
CMYK	0.24, 0.00, 0.06, 0.36
HSL	165°, 17%, 56%
HSV	165°, 24%, 64%
XYZ	26.7562, 32.3186, 34.5337
YIQ	149.1990, -20.0340, -11.3780

# Conversions

## Conversions Part 2

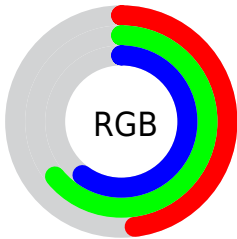
Format	Color
<a href="#">RYB</a>	<a href="#">123, 145, 162</a>
Decimal	<a href="#">8102552</a>
CIELab	<a href="#">63.61, -15.43, 0.86</a>
CIELCh	<a href="#">64, 15.459, 176.818</a>
Yxy	<a href="#">32.3186, 0.2858, 0.3453</a>
Android (android.graphics.Color)	<a href="#">4286292632 (0xFF7BA298)</a>
YUV	<a href="#">149.1990, 1.3809, -22.9765</a>
Hunter-Lab	<a href="#">56.8495, -15.4755, 3.7784</a>

# Details

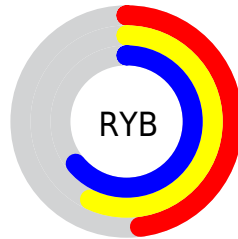
The Hex color **7BA298** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A27B85**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B0D9CE**, and **496E65** is the 20% darker color. If you saturate the color by 10%, you get **6BA294**, and if you desaturate by 10%, it is **8BA29C**.

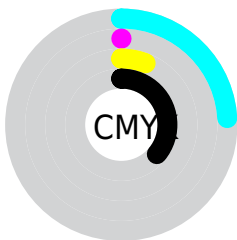
# Distribution



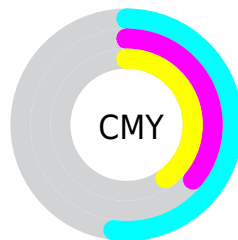
- Red (48%)
- Green (64%)
- Blue (60%)



- Red (48%)
- Yellow (57%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (52%)
- Magenta (36%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7BA298 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 7BA298 by changing the saturation by 10% instead.



 7BA298

 7BA298


FFFFFF

 62887E

 B0D9CE

 496E65

 CCF5EA

 31564D

 E8FFFF

 1A3E37

 022821

 00150A

 000000

 7BA298

 7BA298

 6BA294

 8BA29C

■ 5BA290

■ 9BA2A0

■ 4AA28C

■ ACA2A4

■ 3AA287

■ BCA2A9

■ 2AA283

■ CCA2AD

■ 1AA27F

■ DCA2B1

■ 0AA27B

■ ECA2B5

■ 00A278

■ FDA2B9

■ FFA2BD

# Harmonies

## Analogous

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



88A08B



7BA298



76A2A6

# Triad

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



7BA298



9B97B3



B29483

# Complementary

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



7BA298



A27B85

# 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.



B7918E



7BA298



AB93A9

# Square

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



7BA298



899CB5



B5919C



A6997F

# Rectangle

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



7BA298



78A0AE



B5919C



B49387



# Sweetspot

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



7BA298



C5D4D0



85A27B



636B69



EBEBEB



6B6B6B



# Same Dimension

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



7BA298



96D4C4



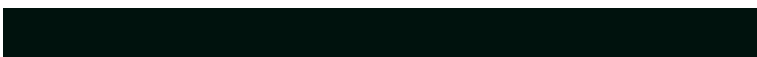
7B99A2



495250



00916C



00120D



# Inverse Universe

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



A27B85



D496A6



A2847B



52494C



910025



120005



# Previews

## White Background



This preview shows how the Hex color 7BA298 looks on a white background.

## Color Contrast Check

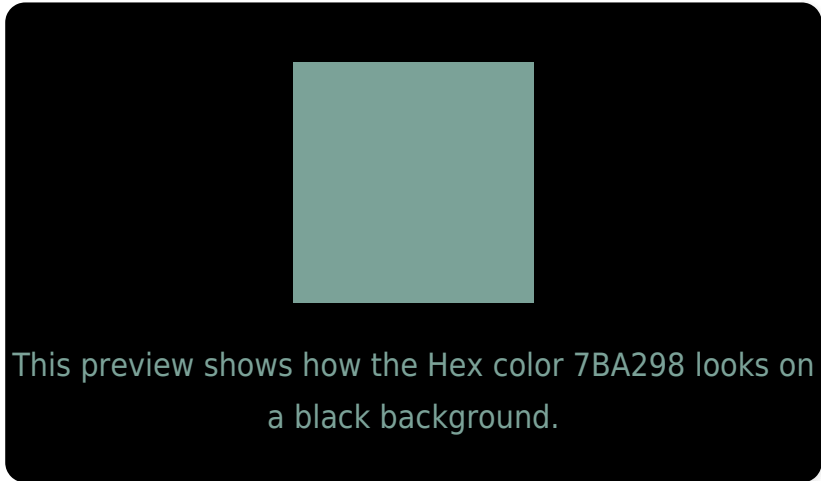
Large Text (above 18pt) WCAG AA × Fail

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

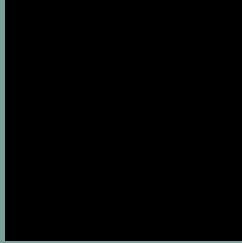
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7BA298 Background



This preview shows how black text looks on a background with the Hex color 7BA298.

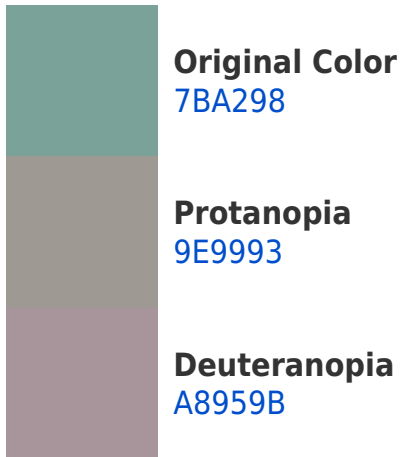


This preview shows how white text looks on a background with the Hex color 7BA298.

# 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





# Trichromacy



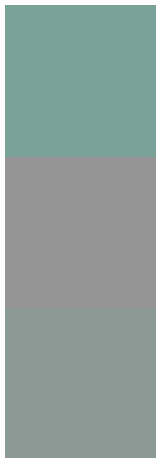
**Original Color**  
7BA298

**Protanomaly**  
919C95

**Deuteranomaly**  
989A9A

**Tritanomaly**  
7EA0A5

# Monochromacy



**Original Color**  
7BA298

**Achromatopsia**  
959595

**Achromatomaly**  
8C9A96

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7BA298 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 #7BA298 looks like.

```
.text, #text, p{  
    color:#7BA298  
}
```

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 #7BA298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA298
}
```

## Border

The CSS property to change the border of an element to Hex 7BA298 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
#7BA298 }
```

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

```
.border{ border-color:#7BA298 }
```

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

Here you see how a box with a 4 pixel #7BA298 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA298; -webkit-box-shadow:4px 4px  
4px 4px #7BA298; box-shadow:4px 4px 4px  
4px #7BA298 }
```

# Background

The CSS property to change the background color of an element to Hex 7BA298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA298 }
```

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

```
.background{ background-color:#7BA298 }
```

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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