

Converting Colors

Hex(7BA689)

Have a look what the booklet for
Hex(7BA689) contains.

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Color

Hex(7BA689)

Conversions

Conversions Part 1

Format	Color
Hex	7BA689
RGB	123, 166, 137
RGB Percent	48%, 65%, 54%
CMY	0.5176, 0.3490, 0.4627
CMYK	0.26, 0.00, 0.17, 0.35
HSL	140°, 19%, 57%
HSV	140°, 26%, 65%
XYZ	26.3200, 33.2895, 28.7052
YIQ	149.8370, -16.3190, -18.1350

Conversions

Conversions Part 2

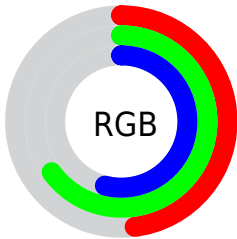
Format	Color
RYB	123, 155, 166
Decimal	8103561
CIELab	64.39, -20.63, 10.37
CIElCh	64, 23.088, 153.312
Yxy	33.2895, 0.2980, 0.3769
Android (android.graphics.Color)	4286293641 (0xFF7BA689)
YUV	149.8370, -6.3286, -23.5360
Hunter-Lab	57.6971, -19.5427, 10.8902

Details

The Hex color **7BA689** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A67B98**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B0DDBE**, and **497257** is the 20% darker color. If you saturate the color by 10%, you get **6AA67E**, and if you desaturate by 10%, it is **8CA694**.

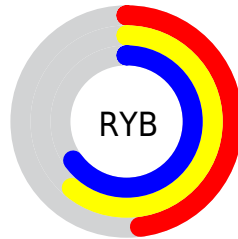
Distribution



Red (48%)

Green (65%)

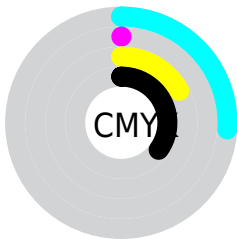
Blue (54%)



Red (48%)

Yellow (61%)

Blue (65%)

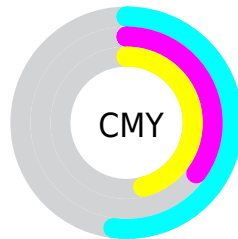


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (35%)



Cyan (52%)

Magenta (35%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BA689 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 7BA689 by changing the saturation by 10% instead.



7BA689



7BA689

FFFFFF



628C70



B0DDBE



497257



CCFADA



315940



E8FFF7



1A422A



012B15



001800



000000



7BA689



7BA689



6AA67E



8CA694

 5AA673

 9CA69F

 49A667

 ADA6AB

 39A65C

 BDA6B6

 28A651

 CEA6C1

 17A646

 DFA6CC

 07A63B

 EFA6D7

 00A636

 FFA6E3

 FFA6EE

Harmonies

Analogous

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



93A279



7BA689



67A89E

Triad

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



7BA689



869DC5



C58F86

Complementary

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



7BA689



A67B98

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.



C58D9B



7BA689



A296BF

Square

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



7BA689



6CA3C0



B990AF



BB9578

Rectangle

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



7BA689



60A7AC



B990AF



C68E8D

Sweetspot

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



7BA689



C7D9CD



98A67B



636E66



EDEDED



6E6E6E

Same Dimension

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



7BA689



96D9AB



7BA69E



4C544E



009430



001407

Inverse Universe

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



A67B98



D996C3



A67B83



544C51



940064



14000E

Previews

White Background



This preview shows how the Hex color 7BA689 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

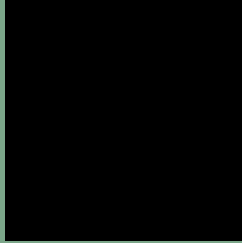
Any Text WCAG AA ✓ Pass

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 7BA689 Background



This preview shows how black text looks on a background with the Hex color 7BA689.

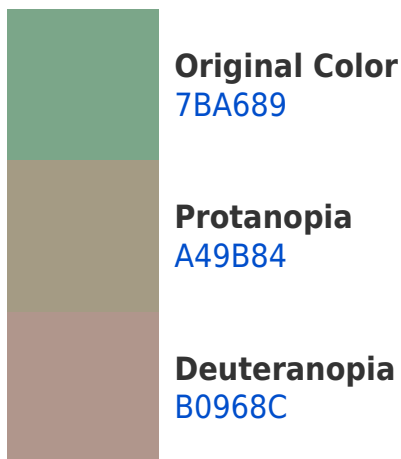


This preview shows how white text looks on a background with the Hex color 7BA689.

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](#).

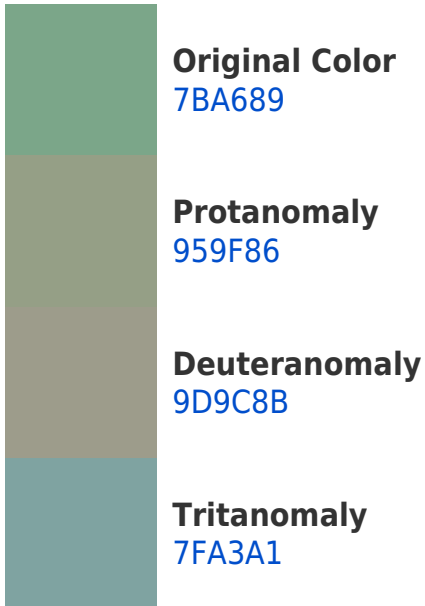
Dichromacy





Tritanopia
82A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BA689 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 #7BA689 looks like.

```
.text, #text, p{  
    color:#7BA689  
}
```

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 #7BA689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BA689
}
```

Border

The CSS property to change the border of an element to Hex 7BA689 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
#7BA689 }
```

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

```
.border{ border-color:#7BA689 }
```

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

Here you see how a box with a 4 pixel #7BA689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BA689; -webkit-box-shadow:4px 4px  
4px 4px #7BA689; box-shadow:4px 4px 4px  
4px #7BA689 }
```

Background

The CSS property to change the background color of an element to Hex 7BA689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BA689 }
```

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

```
.background{ background-color:#7BA689 }
```

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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