

# Converting Colors

Hex(80A789)

Have a look what the booklet for  
Hex(80A789) contains.

<b>Hex(80A789)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(80A789)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A789
RGB	128, 167, 137
RGB Percent	50%, 65%, 54%
CMY	0.4980, 0.3451, 0.4627
CMYK	0.23, 0.00, 0.18, 0.35
HSL	134°, 18%, 58%
HSV	134°, 23%, 65%
XYZ	27.2362, 34.0328, 28.8004
YIQ	151.9190, -13.6140, -17.5980

# Conversions

## Conversions Part 2

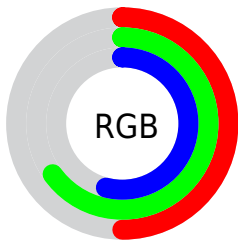
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 160, 167</a>
Decimal	<a href="#">8431497</a>
CIELab	<a href="#">64.99, -19.45, 11.25</a>
CIElCh	<a href="#">65, 22.470, 149.949</a>
Yxy	<a href="#">34.0328, 0.3024, 0.3779</a>
Android (android.graphics.Color)	<a href="#">4286621577 (0xFF80A789)</a>
YUV	<a href="#">151.9190, -7.3551, -20.9770</a>
Hunter-Lab	<a href="#">58.3376, -18.7543, 11.5658</a>

# Details

The Hex color **80A789** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A7809E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B5DEBE**, and **4E7357** is the 20% darker color. If you saturate the color by 10%, you get **6FA77C**, and if you desaturate by 10%, it is **91A796**.

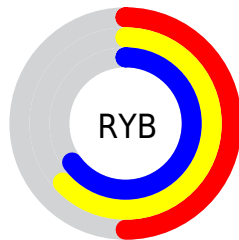
# Distribution



Red (50%)

Green (65%)

Blue (54%)



Red (50%)

Yellow (63%)

Blue (65%)

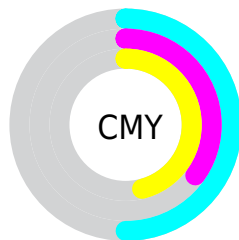


Cyan (23%)

Magenta (0%)

Yellow (18%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80A789 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 80A789 by changing the saturation by 10% instead.





80A789



80A789

FFFFFF



668D70



B5DEBE



4E7357



D1FBDA



365A40



EEFFF7



1F432A



072C15



001900



000000



80A789



80A789



6FA77C



91A796

 5FA76F

 A1A7A3

 4EA762

 B2A7B0

 3DA756

 C3A7BC

 2DA749

 D3A7C9

 1CA73C

 E4A7D6

 0BA72F

 F5A7E3

 00A727

 FFA7F0

 FFA7FD

# Harmonies

## Analogous

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



97A37B



80A789



6CA99D

# Triad

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



80A789



859FC5



C6918B

# Complementary

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



80A789



A7809E

# 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.



C58F9E



80A789



A199C0

# Square

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



80A789



6DA5C0



B892B2



BE967C

# Rectangle

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



80A789



65A9AB



B892B2



C79091



# Sweetspot

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



80A789



CAD9CD



9FA780



656E67



EDEDED



6E6E6E



# Same Dimension

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



80A789



9CD9AA



80A79C



4C544E



009422



001405



# Inverse Universe

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



A7809E



D99CCB



A7808B



544C52



940072

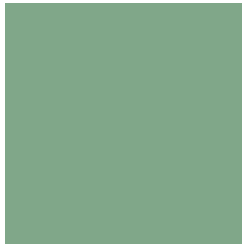


140010



# Previews

## White Background



This preview shows how the Hex color 80A789 looks on a white background.

## Color Contrast Check

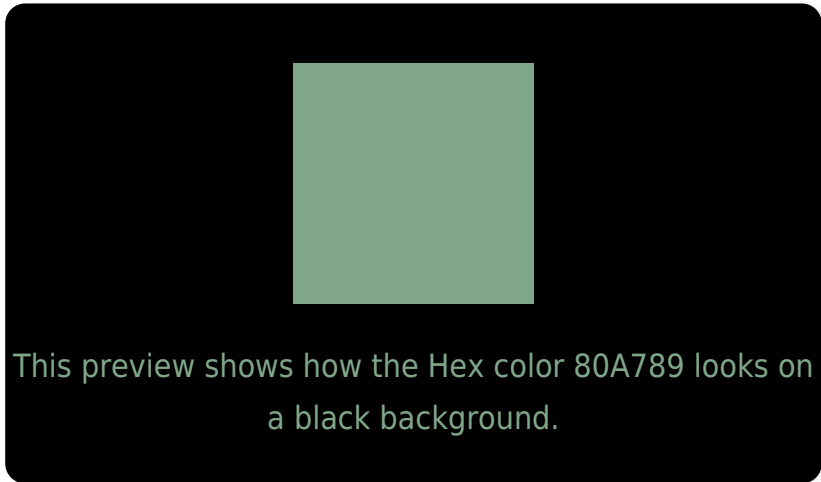
Large Text (above 18pt) WCAG AA × Fail

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

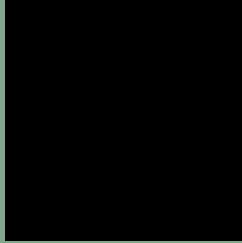
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80A789 Background



This preview shows how black text looks on a background with the Hex color 80A789.



This preview shows how white text looks on a background with the Hex color 80A789.

# 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](#).

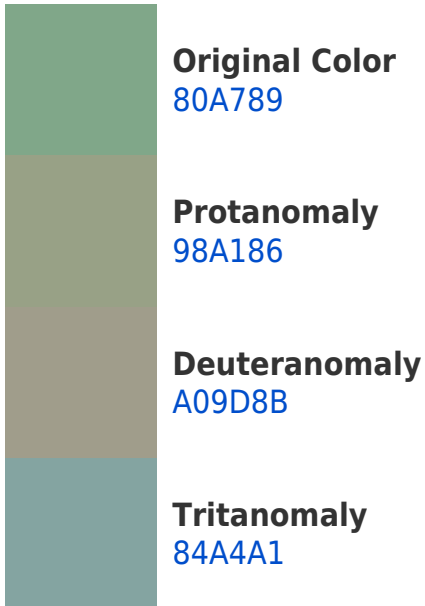
## Dichromacy





**Tritanopia**  
87A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80A789 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 #80A789 looks like.

```
.text, #text, p{  
    color:#80A789  
}
```

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 #80A789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A789
}
```

## Border

The CSS property to change the border of an element to Hex 80A789 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
#80A789 }
```

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

```
.border{ border-color:#80A789 }
```

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

Here you see how a box with a 4 pixel #80A789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A789; -webkit-box-shadow:4px 4px  
4px 4px #80A789; box-shadow:4px 4px 4px  
4px #80A789 }
```

# Background

The CSS property to change the background color of an element to Hex 80A789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A789 }
```

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

```
.background{ background-color:#80A789 }
```

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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