

# Converting Colors

Hex(83A080)

Have a look what the booklet for  
Hex(83A080) contains.

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# **Color**

**Hex(83A080)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83A080
RGB	131, 160, 128
RGB Percent	51%, 63%, 50%
CMY	0.4863, 0.3725, 0.4980
CMYK	0.18, 0.00, 0.20, 0.37
HSL	114°, 14%, 56%
HSV	114°, 20%, 63%
XYZ	25.8272, 31.5254, 25.1459
YIQ	147.6810, -7.0120, -16.1000

# Conversions

## Conversions Part 2

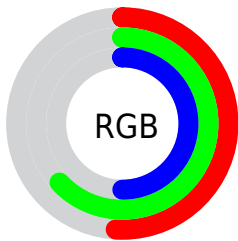
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 160, 157
Decimal	8626304
CIELab	62.95, -16.44, 13.41
CIElCh	63, 21.219, 140.794
Yxy	31.5254, 0.3131, 0.3821
Android (android.graphics.Color)	4286816384 (0xFF83A080)
YUV	147.6810, -9.7027, -14.6292
Hunter-Lab	56.1475, -16.1503, 12.7500

# Details

The Hex color **83A080** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D80A0**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B8D7B5**, and **516C4F** is the 20% darker color. If you saturate the color by 10%, you get **74A070**, and if you desaturate by 10%, it is **92A090**.

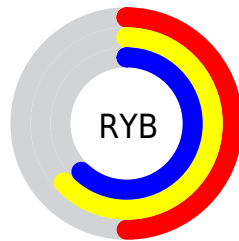
# Distribution



Red (51%)

Green (63%)

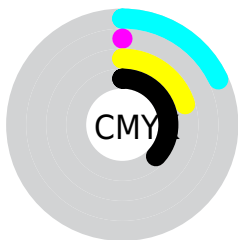
Blue (50%)



Red (50%)

Yellow (63%)

Blue (62%)

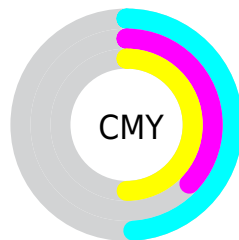


Cyan (18%)

Magenta (0%)

Yellow (20%)

Black (37%)



Cyan (49%)

Magenta (37%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83A080 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 83A080 by changing the saturation by 10% instead.



83A080

83A080

FFFFFF

6A8667

B8D7B5

516C4F

D4F3D0

3A5438

F1FFED

233D22

0E270D

001200

000000

83A080

83A080

74A070

92A090

 66A060

 A0A0A0

 57A050

 AFA0B0

 49A040

 BDA0C0

 3AA030

 CCA0D0

 2CA020

 DAA0E0

 1DA010

 E9A0F0

 0FA000

 F7A0FF

 FFA0FF

# Harmonies

## Analogous

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



999B75



83A080



6FA392

# Triad

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



83A080



7A9CBD



BF8B8C

# Complementary

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



83A080



9D80A0

# 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.



BA8B9F



83A080



9495BB

# Square

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



83A080



67A1B5



AB8FB0



BA8F7C

# Rectangle

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



83A080



66A39F



AB8FB0



BF8B92



# Sweetspot

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



83A080



C6D1C5



A09D80



626961



E8E8E8



696969



# Same Dimension

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



83A080



A4D19F



80A08D



484F47



0D8F00



010F00



# Inverse Universe

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



9D80A0



CC9FD1



A08093



4E474F



81008F



0E000F



# Previews

## White Background



This preview shows how the Hex color 83A080 looks on a white background.

## Color Contrast Check

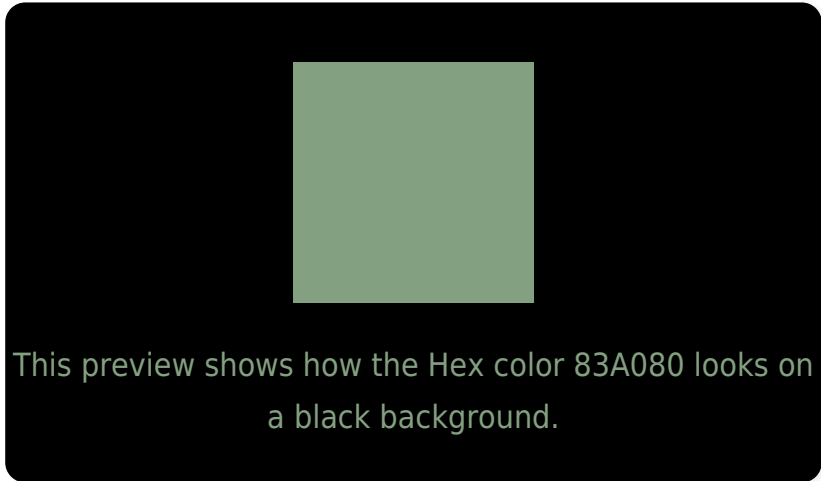
Large Text (above 18pt) WCAG AA × Fail

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

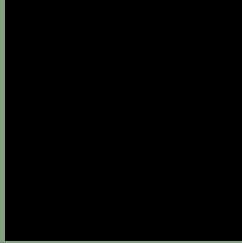
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

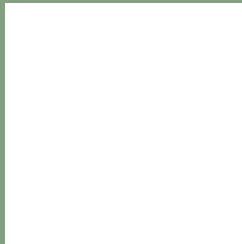
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83A080 Background



This preview shows how black text looks on a background with the Hex color 83A080.

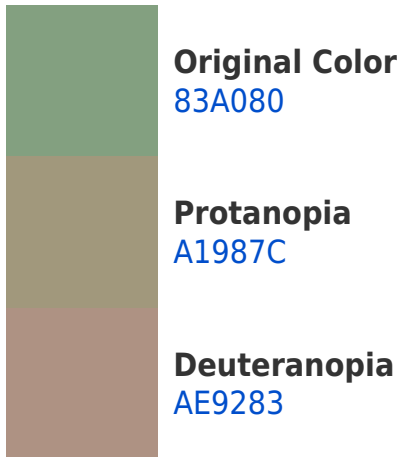


This preview shows how white text looks on a background with the Hex color 83A080.

# 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](#).

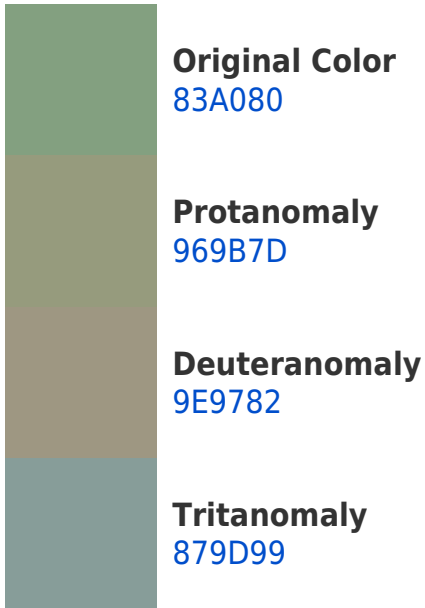
## Dichromacy



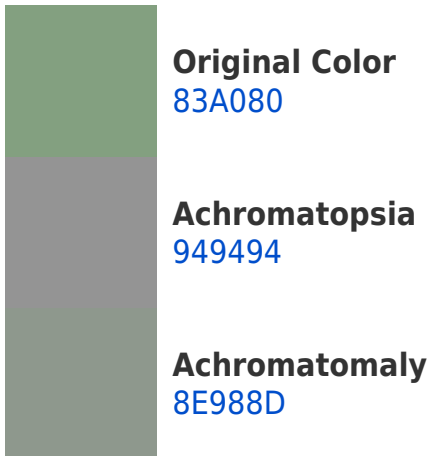


**Tritanopia**  
899BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83A080 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 #83A080 looks like.

```
.text, #text, p{  
    color:#83A080  
}
```

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 #83A080 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A080
}
```

## Border

The CSS property to change the border of an element to Hex 83A080 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
#83A080 }
```

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

```
.border{ border-color:#83A080 }
```

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

Here you see how a box with a 4 pixel #83A080 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A080; -webkit-box-shadow:4px 4px  
4px 4px #83A080; box-shadow:4px 4px 4px  
4px #83A080 }
```

# Background

The CSS property to change the background color of an element to Hex 83A080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A080 }
```

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

```
.background{ background-color:#83A080 }
```

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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