

# Converting Colors

Hex(88B688)

Have a look what the booklet for  
Hex(88B688) contains.

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# **Color**

**Hex(88B688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88B688
RGB	136, 182, 136
RGB Percent	53%, 71%, 53%
CMY	0.4667, 0.2863, 0.4667
CMYK	0.25, 0.00, 0.25, 0.29
HSL	120°, 24%, 62%
HSV	120°, 25%, 71%
XYZ	31.3252, 40.4677, 29.4526
YIQ	163.0020, -12.6500, -24.0580

# Conversions

## Conversions Part 2

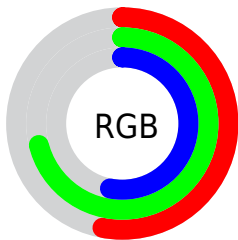
Format	Color
<a href="#">RYB</a>	<a href="#">136, 182, 182</a>
Decimal	<a href="#">8959624</a>
CIELab	<a href="#">69.80, -24.46, 18.59</a>
CIELCh	<a href="#">70, 30.722, 142.768</a>
Yxy	<a href="#">40.4677, 0.3094, 0.3997</a>
Android (android.graphics.Color)	<a href="#">4287149704 (0xFF88B688)</a>
YUV	<a href="#">163.0020, -13.3120, -23.6808</a>
Hunter-Lab	<a href="#">63.6142, -23.4271, 17.0794</a>

# Details

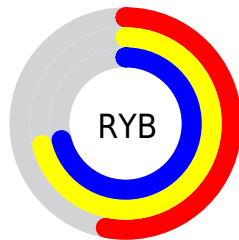
The Hex color **88B688** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B688B6**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BEEEBD**, and **558156** is the 20% darker color. If you saturate the color by 10%, you get **76B676**, and if you desaturate by 10%, it is **9AB69A**.

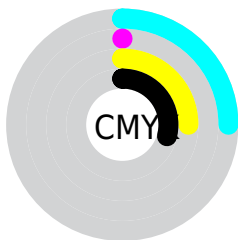
# Distribution



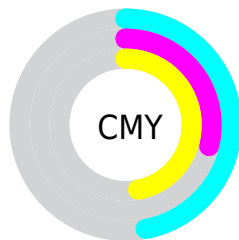
- Red (53%)
- Green (71%)
- Blue (53%)



- Red (53%)
- Yellow (71%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (29%)



- Cyan (47%)
- Magenta (29%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88B688 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 88B688 by changing the saturation by 10% instead.





88B688



88B688

FFFFFF



6E9B6F



BEEEBD



558156



DAFFD9



3C683E



F7FFF6



244F28



0B3813



002300



000000



88B688



88B688



76B676



9AB69A

 64B664

 ACB6AC

 51B651

 BFB6BF

 3FB63F

 D1B6D1

 2DB62D

 E3B6E3

 1BB61B

 F5B6F5

 09B609

 FFB6FF

 00B600

# Harmonies

## Analogous

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



A8AF77



88B688



68B9A3

# Triad

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



88B688



7CAFE1



E29796

# Complementary

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



88B688



B688B6

# 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.



DD96B2



88B688



A5A6DE

# Square

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



88B688



58B6D6



C89CCD



D99D7F

# Rectangle

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



88B688



56BAB6



C89CCD



E2969F



# Sweetspot

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



88B688



DAEDDA



B6B688



6C786C



F7F7F7



787878



# Same Dimension

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



88B688



A6EDA6



88B69F



535C53



009C00



001C00



# Inverse Universe

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



B688B6



EDA6ED



B6889F



5C535C



9C009C



1C001C



# Previews

## White Background



This preview shows how the Hex color 88B688 looks on a white background.

## Color Contrast Check

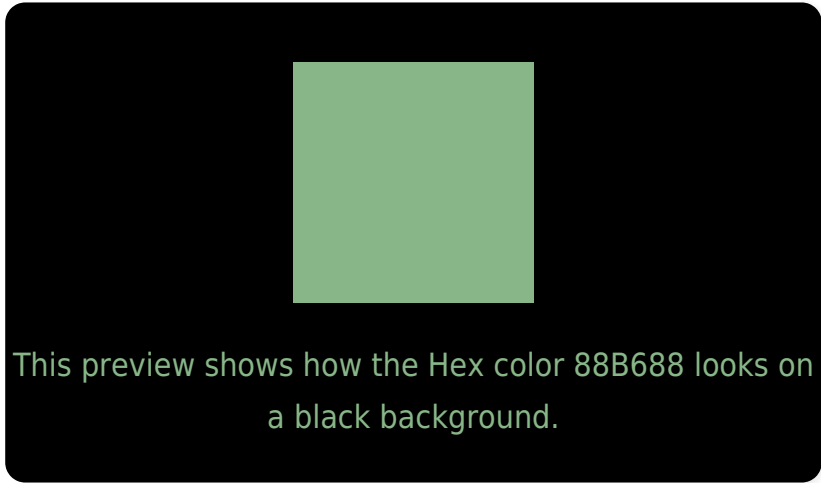
Large Text (above 18pt) WCAG AA × Fail

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

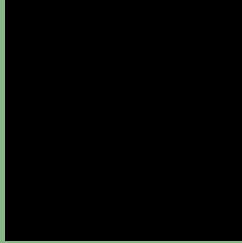
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 88B688 Background



This preview shows how black text looks on a background with the Hex color 88B688.

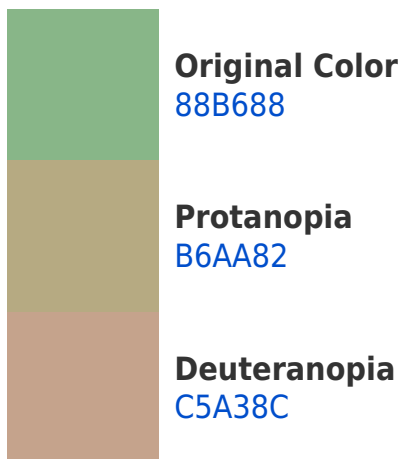


This preview shows how white text looks on a background with the Hex color 88B688.

# 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**  
91AFBD

# Trichromacy



**Original Color**  
88B688

**Protanomaly**  
A5AE84

**Deuteranomaly**  
AFAA8B

**Tritanomaly**  
8EB2AA

# Monochromacy



**Original Color**  
88B688

**Achromatopsia**  
A3A3A3

**Achromatomaly**  
99AA99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88B688 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 #88B688 looks like.

```
.text, #text, p{  
    color:#88B688  
}
```

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 #88B688 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88B688
}
```

## Border

The CSS property to change the border of an element to Hex 88B688 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
#88B688 }
```

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

```
.border{ border-color:#88B688 }
```

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

Here you see how a box with a 4 pixel #88B688 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88B688; -webkit-box-shadow:4px 4px  
4px 4px #88B688; box-shadow:4px 4px 4px  
4px #88B688 }
```

# Background

The CSS property to change the background color of an element to Hex 88B688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88B688 }
```

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

```
.background{ background-color:#88B688 }
```

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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