

# Converting Colors

Hex(88A683)

Have a look what the booklet for  
Hex(88A683) contains.

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# **Color**

**Hex(88A683)**

# Conversions

## Conversions Part 1

Format	Color
Hex	88A683
RGB	136, 166, 131
RGB Percent	53%, 65%, 51%
CMY	0.4667, 0.3490, 0.4863
CMYK	0.18, 0.00, 0.21, 0.35
HSL	111°, 16%, 58%
HSV	111°, 21%, 65%
XYZ	27.8863, 34.1454, 26.5937
YIQ	153.0400, -6.6450, -17.2450

# Conversions

## Conversions Part 2

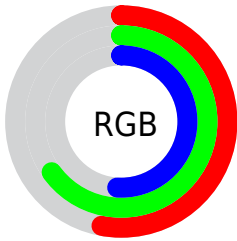
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">131, 166, 161</a>
Decimal	<a href="#">8955523</a>
CIELab	<a href="#">65.08, -17.23, 14.77</a>
CIELCh	<a href="#">65, 22.697, 139.394</a>
Yxy	<a href="#">34.1454, 0.3147, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4287145603 (0xFF88A683)</a>
YUV	<a href="#">153.0400, -10.8657, -14.9441</a>
Hunter-Lab	<a href="#">58.4340, -17.0746, 13.9206</a>

# Details

The Hex color **88A683** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A183A6**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **BEDDB8**, and **567251** is the 20% darker color. If you saturate the color by 10%, you get **7AA672**, and if you desaturate by 10%, it is **96A694**.

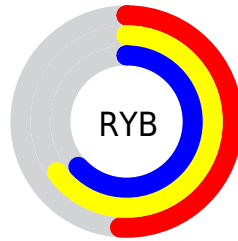
# Distribution



Red (53%)

Green (65%)

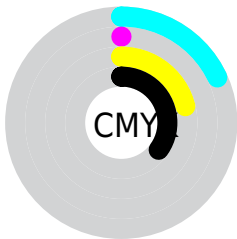
Blue (51%)



Red (51%)

Yellow (65%)

Blue (63%)

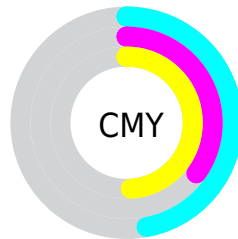


Cyan (18%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (47%)

Magenta (35%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 88A683 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 88A683 by changing the saturation by 10% instead.



■ 88A683

■ 88A683

FFFFFF

■ 6E8C6A

■ BEDDB8

■ 567251

■ DAFAD4

■ 3E593A

■ F6FFF0

■ 274224

■ 112C10

■ 001900

■ 000000

■ 88A683

■ 88A683

■ 7AA672

■ 96A694

 6CA662

 A4A6A4

 5DA651

 B3A6B5

 4FA641

 C1A6C5

 41A630

 CFA6D6

 33A61F

 DDA6E7

 24A60F

 ECA6F7

 18A600

 FAA6FF

 FFA6FF

# Harmonies

## Analogous

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



9FA177



88A683



72A996

# Triad

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



88A683



7CA2C5



C89091

# Complementary

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



88A683



A183A6

# 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.



C290A6



88A683



989BC4

# Square

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



88A683



67A7BC



B194B9



C29480

# Rectangle

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



88A683



67AAA4



B194B9



C78F98



# Sweetspot

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



88A683



CED9CC



A6A183



676E66



EDEDED



6E6E6E



# Same Dimension

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



88A683



AAD9A3



83A68F



4D544C



159400



031400



# Inverse Universe

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



A183A6



D1A3D9



A6839A



534C54



7F0094



110014



# Previews

## White Background



This preview shows how the Hex color 88A683 looks on a white background.

## Color Contrast Check

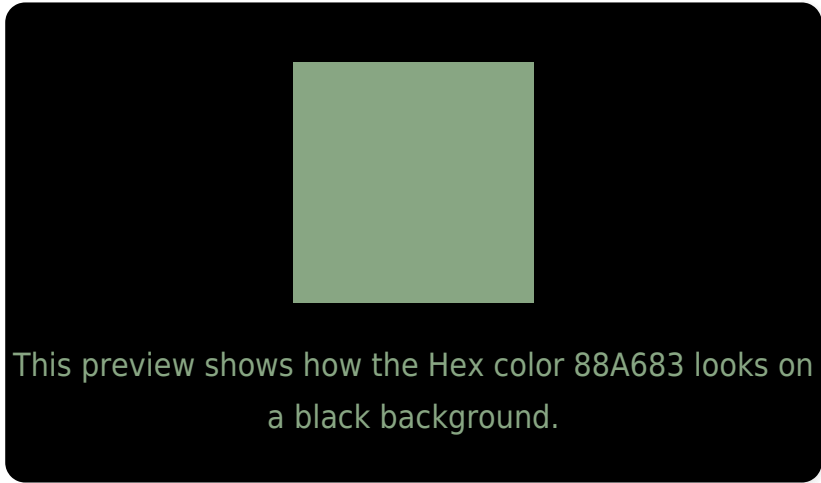
Large Text (above 18pt) WCAG AA × Fail

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

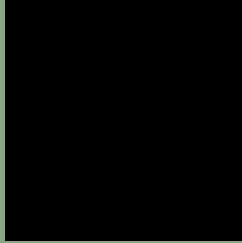
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 88A683 Background



This preview shows how black text looks on a background with the Hex color 88A683.



This preview shows how white text looks on a background with the Hex color 88A683.

# 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**  
8FA0AD

# Trichromacy



**Original Color**  
88A683

**Protanomaly**  
9CA080

**Deuteranomaly**  
A59D85

**Tritanomaly**  
8CA29E

# Monochromacy



**Original Color**  
88A683

**Achromatopsia**  
999999

**Achromatomaly**  
939E91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 88A683 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 #88A683 looks like.

```
.text, #text, p{  
    color:#88A683  
}
```

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 #88A683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88A683
}
```

## Border

The CSS property to change the border of an element to Hex 88A683 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
#88A683 }
```

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

```
.border{ border-color:#88A683 }
```

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

Here you see how a box with a 4 pixel #88A683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88A683; -webkit-box-shadow:4px 4px  
4px 4px #88A683; box-shadow:4px 4px 4px  
4px #88A683 }
```

# Background

The CSS property to change the background color of an element to Hex 88A683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88A683 }
```

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

```
.background{ background-color:#88A683 }
```

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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