

Converting Colors

Hex(83A686)

Have a look what the booklet for
Hex(83A686) contains.

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Color

Hex(83A686)

Conversions

Conversions Part 1

Format	Color
Hex	83A686
RGB	131, 166, 134
RGB Percent	51%, 65%, 53%
CMY	0.4863, 0.3490, 0.4745
CMYK	0.21, 0.00, 0.19, 0.35
HSL	125°, 16%, 58%
HSV	125°, 21%, 65%
XYZ	27.2994, 33.8190, 27.6431
YIQ	151.8870, -10.5880, -17.3720

Conversions

Conversions Part 2

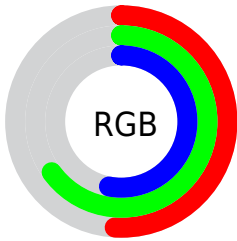
Format	Color
RYB	131, 163, 166
Decimal	8627846
CIELab	64.82, -18.46, 12.70
CIElCh	65, 22.409, 145.472
Yxy	33.8190, 0.3076, 0.3810
Android (android.graphics.Color)	4286817926 (0xFF83A686)
YUV	151.8870, -8.8183, -18.3179
Hunter-Lab	58.1541, -17.9761, 12.5248

Details

The Hex color **83A686** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A683A3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B8DDBB**, and **517254** is the 20% darker color. If you saturate the color by 10%, you get **72A677**, and if you desaturate by 10%, it is **94A695**.

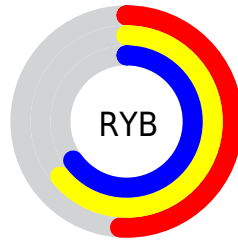
Distribution



Red (51%)

Green (65%)

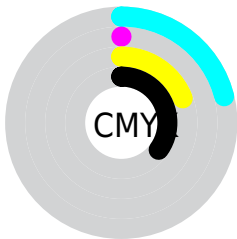
Blue (53%)



Red (51%)

Yellow (64%)

Blue (65%)

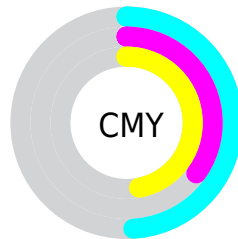


Cyan (21%)

Magenta (0%)

Yellow (19%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A686 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 83A686 by changing the saturation by 10% instead.



83A686



83A686

FFFFFF



698C6D



B8DDBB



517254



D4FAD7



39593D



F1FFF3



224227



0C2B13



001900



000000



83A686



83A686



72A677



94A695

 62A668

 A4A6A4

 51A658

 B5A6B4

 41A649

 C5A6C3

 30A63A

 D6A6D2

 1FA62B

 E7A6E1

 0FA61C

 F7A6F0

 00A60E

 FFA6FF

Harmonies

Analogous

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



9AA179



83A686



6EA899

Triad

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



83A686



81A0C5



C6908D

Complementary

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



83A686



A683A3

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.



C38FA1



83A686



9D99C1

Square

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



83A686



6AA5BE



B493B4



BF947D

Rectangle

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



83A686



66A9A7



B493B4



C68F93

Sweetspot

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



83A686



CCD9CD



A3A683



666E67



EDEDED



6E6E6E

Same Dimension

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



83A686



A3D9A7



83A697



4C544C



00940D



001402

Inverse Universe

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



A683A3



D9A3D4



A68392



544C53



940087



140013

Previews

White Background



This preview shows how the Hex color 83A686 looks on a white background.

Color Contrast Check

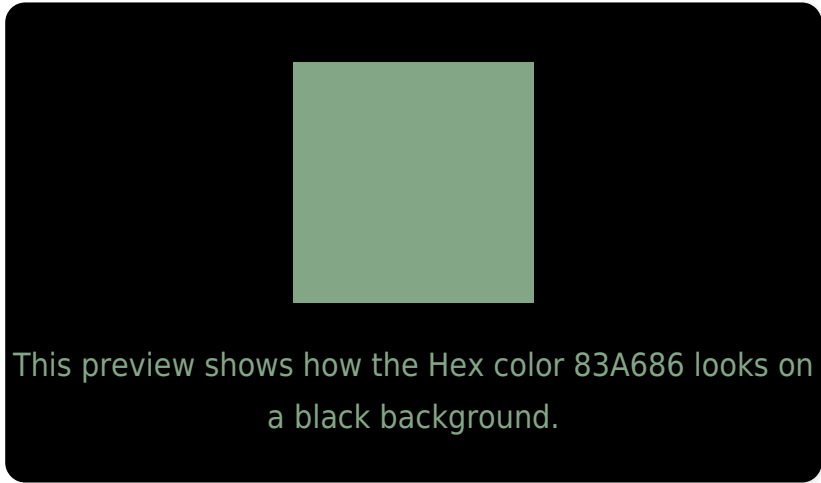
Large Text (above 18pt) WCAG AA × Fail

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

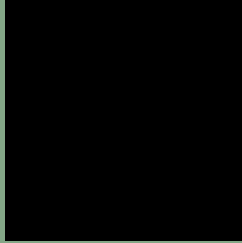
Any Text WCAG AA ✓ Pass

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 83A686 Background



This preview shows how black text looks on a background with the Hex color 83A686.

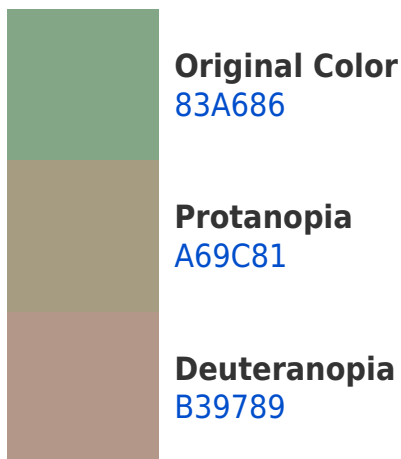


This preview shows how white text looks on a background with the Hex color 83A686.

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
8AA1AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A686 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 #83A686 looks like.

```
.text, #text, p{  
    color:#83A686  
}
```

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 #83A686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A686
}
```

Border

The CSS property to change the border of an element to Hex 83A686 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
#83A686 }
```

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

```
.border{ border-color:#83A686 }
```

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

Here you see how a box with a 4 pixel #83A686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A686; -webkit-box-shadow:4px 4px  
4px 4px #83A686; box-shadow:4px 4px 4px  
4px #83A686 }
```

Background

The CSS property to change the background color of an element to Hex 83A686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A686 }
```

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

```
.background{ background-color:#83A686 }
```

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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