

Converting Colors

Hex(83A385)

Have a look what the booklet for
Hex(83A385) contains.

Hex(83A385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83A385)

Conversions

Conversions Part 1

Format	Color
Hex	83A385
RGB	131, 163, 133
RGB Percent	51%, 64%, 52%
CMY	0.4863, 0.3608, 0.4784
CMYK	0.20, 0.00, 0.18, 0.36
HSL	124°, 15%, 58%
HSV	124°, 20%, 64%
XYZ	26.6909, 32.7131, 27.0978
YIQ	150.0120, -9.4420, -16.1140

Conversions

Conversions Part 2

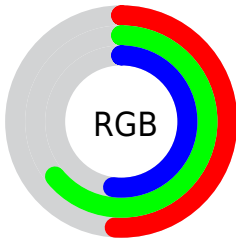
Format	Color
RYB	131, 161, 163
Decimal	8627077
CIELab	63.93, -17.09, 12.00
CIElCh	64, 20.887, 144.918
Yxy	32.7131, 0.3086, 0.3782
Android (android.graphics.Color)	4286817157 (0xFF83A385)
YUV	150.0120, -8.3869, -16.6735
Hunter-Lab	57.1954, -16.7928, 11.9466

Details

The Hex color **83A385** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A383A1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B8DABA**, and **516F53** is the 20% darker color. If you saturate the color by 10%, you get **73A376**, and if you desaturate by 10%, it is **93A394**.

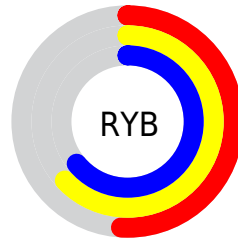
Distribution



Red (51%)

Green (64%)

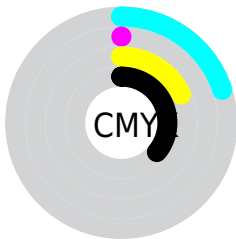
Blue (52%)



Red (51%)

Yellow (63%)

Blue (64%)

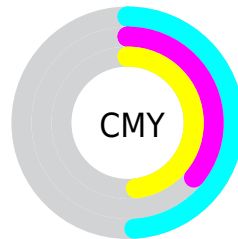


Cyan (20%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A385 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 83A385 by changing the saturation by 10% instead.



83A385



83A385

FFFFFF



6A896C



B8DABA



516F53



D4F7D6



39573C



F1FFF2



233F26



0D2912



001600



000000



83A385



83A385



73A376



93A394

 62A366

 A4A3A4

 52A357

 B4A3B3

 42A348

 C4A3C2

 32A339

 D4A3D1

 21A329

 E5A3E1

 11A31A

 F5A3F0

 01A30B

 FFA3FF

 00A30A

Harmonies

Analogous

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



989F79



83A385



70A597

Triad

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



83A385



819EC0



C18E8C

Complementary

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



83A385



A383A1

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.



BE8E9F



83A385



9A97BD

Square

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



83A385



6CA2B9



B091B1



BB937D

Rectangle

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



83A385



68A6A4



B091B1



C18E92

Sweetspot

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



83A385



C7D4C8



A1A383



646B64



EBEBEB



6B6B6B

Same Dimension

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



83A385



A1D4A4



83A395



49524A



009109



001201

Inverse Universe

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



A383A1



D4A1D0



A38391



524951



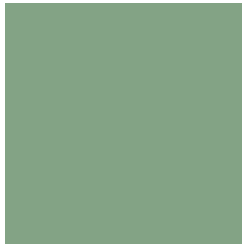
910088



120011

Previews

White Background



This preview shows how the Hex color 83A385 looks on a white background.

Color Contrast Check

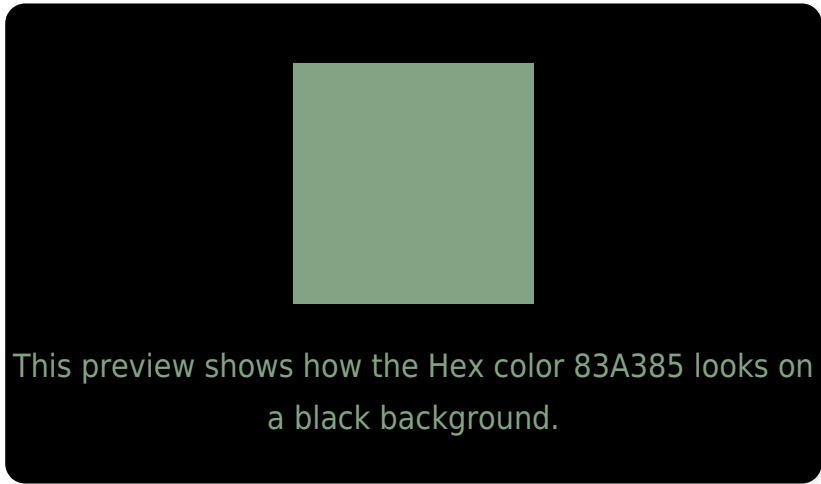
Large Text (above 18pt) WCAG AA × Fail

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

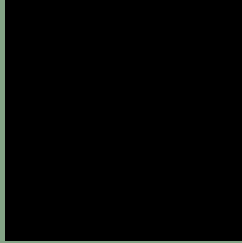
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

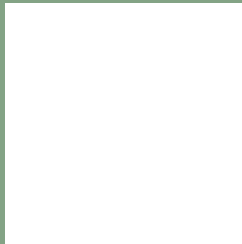
Any Text WCAG AAA ✓ Pass

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

Hex 83A385 Background



This preview shows how black text looks on a background with the Hex color 83A385.

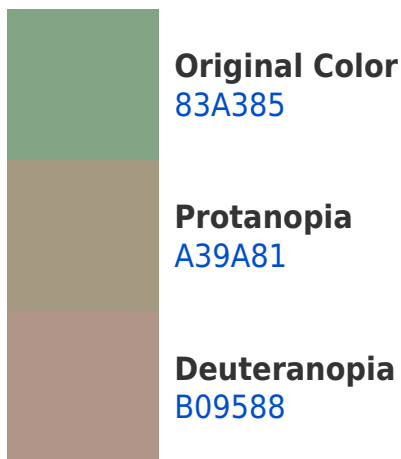


This preview shows how white text looks on a background with the Hex color 83A385.

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](#).

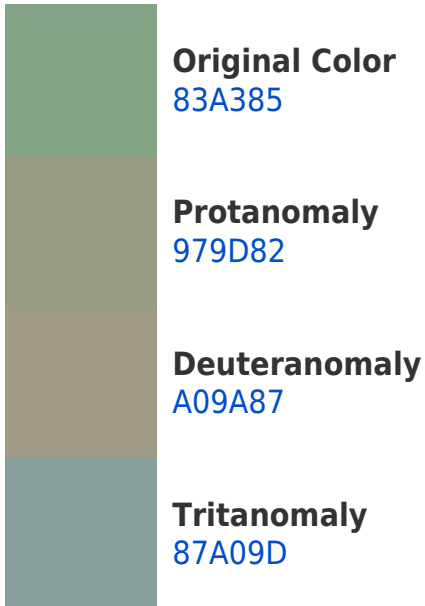
Dichromacy



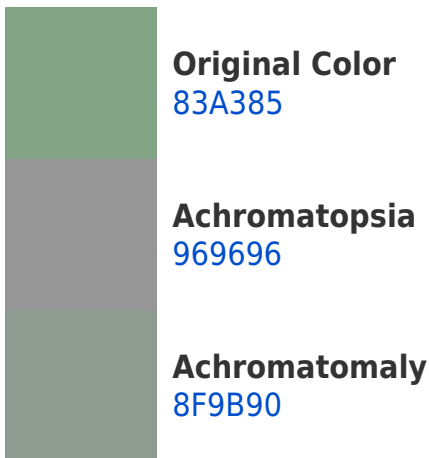


Tritanopia
899EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A385 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 #83A385 looks like.

```
.text, #text, p{  
    color:#83A385  
}
```

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 #83A385 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A385
}
```

Border

The CSS property to change the border of an element to Hex 83A385 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
#83A385 }
```

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

```
.border{ border-color:#83A385 }
```

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

Here you see how a box with a 4 pixel #83A385 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A385; -webkit-box-shadow:4px 4px  
4px 4px #83A385; box-shadow:4px 4px 4px  
4px #83A385 }
```

Background

The CSS property to change the background color of an element to Hex 83A385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A385 }
```

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

```
.background{ background-color:#83A385 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor