

Converting Colors

Hex(83A671)

Have a look what the booklet for
Hex(83A671) contains.

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Color

Hex(83A671)

Conversions

Conversions Part 1

Format	Color
Hex	83A671
RGB	131, 166, 113
RGB Percent	51%, 65%, 44%
CMY	0.4863, 0.3490, 0.5569
CMYK	0.21, 0.00, 0.32, 0.35
HSL	100°, 23%, 55%
HSV	100°, 32%, 65%
XYZ	25.9769, 33.2900, 20.6793
YIQ	149.4930, -3.8470, -23.9030

Conversions

Conversions Part 2

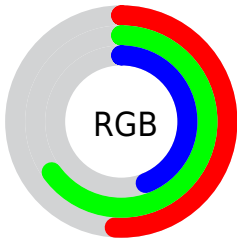
Format	Color
R_{YB}	113, 166, 148
Decimal	8627825
CIE _{Lab}	64.40, -22.05, 23.65
CIE _{LCh}	64, 32.335, 132.997
Yxy	33.2900, 0.3249, 0.4164
Android (android.graphics.Color)	4286817905 (0xFF83A671)
YUV	149.4930, -17.9910, -16.2184
Hunter-Lab	57.6975, -20.6052, 19.1382

Details

The Hex color **83A671** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9471A6**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B9DDA5**, and **507240** is the 20% darker color. If you saturate the color by 10%, you get **78A660**, and if you desaturate by 10%, it is **8EA682**.

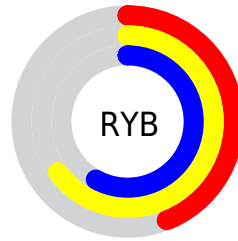
Distribution



Red (51%)

Green (65%)

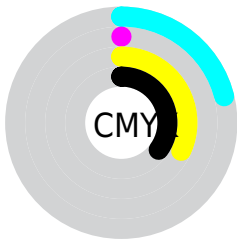
Blue (44%)



Red (44%)

Yellow (65%)

Blue (58%)

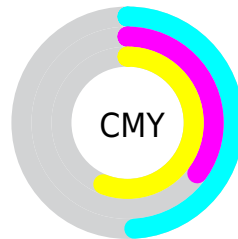


Cyan (21%)

Magenta (0%)

Yellow (32%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A671 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 83A671 by changing the saturation by 10% instead.



83A671



83A671

FFFFFF



698C58



B9DDA5



507240



D5FAC0



38592A



F1FFDC



214214



FFFFFF9



0C2B00



001800



000000



83A671



83A671



78A660



8EA682

 6DA650

 99A692

 62A63F

 A4A6A3

 57A62F

 AFA6B3

 4CA61E

 BAA6C4

 41A60D

 C5A6D5

 38A600

 D0A6E5

 DBA6F6

 E6A6FF

Harmonies

Analogous

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



A39E63



83A671



60AB8A

Triad

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



83A671



5AA4D3



D58690

Complementary

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



83A671



9471A6

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.



CA88AE



83A671



889BD4

Square

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



83A671



36AAC3



B090C6



D08B76

Rectangle

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



83A671



48AC9E



B090C6



D3869A

Sweetspot

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



83A671



CAD9C3



A69371



656E60



EDEDED



6E6E6E

Same Dimension

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



83A671



A2D986



71A679



4F544C



329400



071400

Inverse Universe

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



9471A6



BD86D9



A6719E



514C54



620094



0D0014

Previews

White Background



This preview shows how the Hex color 83A671 looks on a white background.

Color Contrast Check

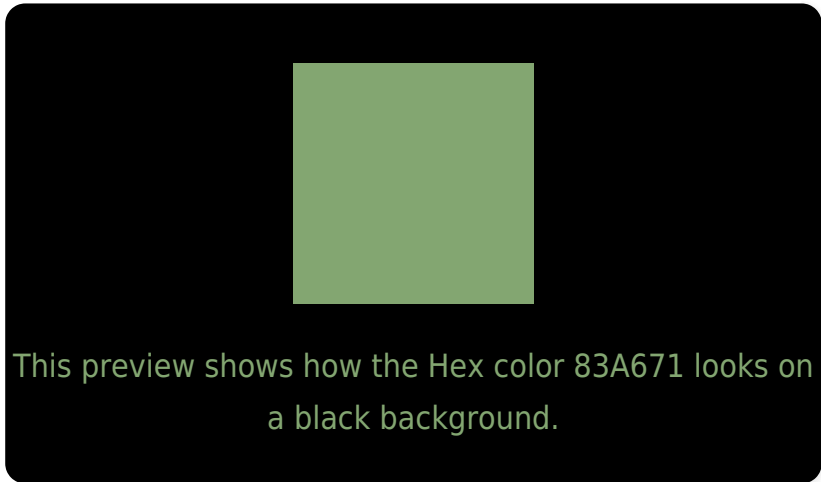
Large Text (above 18pt) WCAG AA × Fail

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

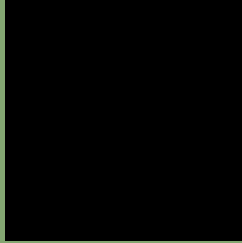
Any Text WCAG AA ✓ Pass

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 83A671 Background



This preview shows how black text looks on a background with the Hex color 83A671.



This preview shows how white text looks on a background with the Hex color 83A671.

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](#).

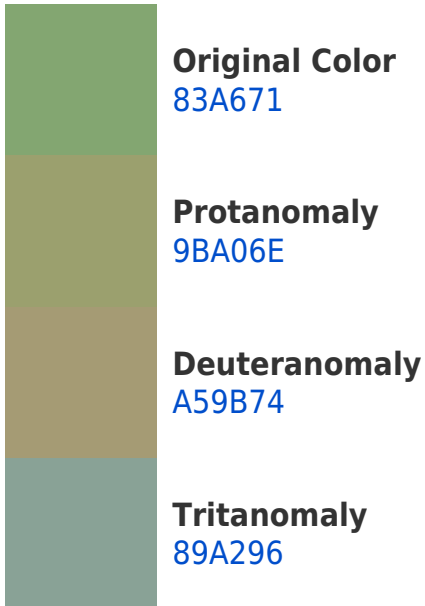
Dichromacy



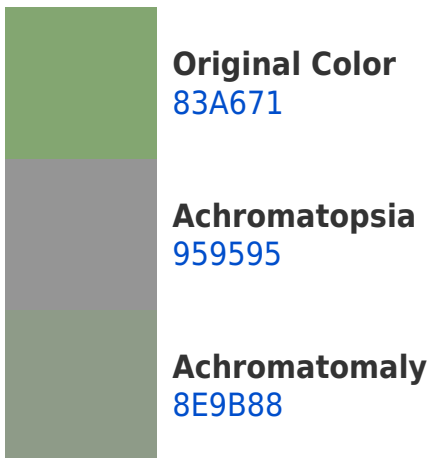


Tritanopia
8C9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A671 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 #83A671 looks like.

```
.text, #text, p{  
  color:#83A671  
}
```

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 #83A671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A671  
}
```

Border

The CSS property to change the border of an element to Hex 83A671 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  
#83A671 }
```

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

```
.border{ border-color:#83A671 }
```

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

Here you see how a box with a 4 pixel #83A671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A671; -webkit-box-shadow:4px 4px  
4px 4px #83A671; box-shadow:4px 4px 4px  
4px #83A671 }
```

Background

The CSS property to change the background color of an element to Hex 83A671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A671 }
```

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

```
.background{ background-color:#83A671 }
```

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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