

Converting Colors

Hex(83A766)

Have a look what the booklet for
Hex(83A766) contains.

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Color

Hex(83A766)

Conversions

Conversions Part 1

Format	Color
Hex	83A766
RGB	131, 167, 102
RGB Percent	51%, 65%, 40%
CMY	0.4863, 0.3451, 0.6000
CMYK	0.22, 0.00, 0.39, 0.35
HSL	93°, 27%, 53%
HSV	93°, 39%, 65%
XYZ	25.5771, 33.4220, 17.6734
YIQ	148.8260, -0.5910, -27.8470

Conversions

Conversions Part 2

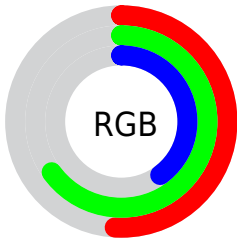
Format	Color
RYB	102, 167, 138
Decimal	8628070
CIELab	64.50, -24.18, 29.70
CIELCh	65, 38.298, 129.156
Yxy	33.4220, 0.3336, 0.4359
Android (android.graphics.Color)	4286818150 (0xFF83A766)
YUV	148.8260, -23.0852, -15.6334
Hunter-Lab	57.8118, -22.1988, 22.3429

Details

The Hex color **83A766** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A66A7**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B9DE9A**, and **507336** is the 20% darker color. If you saturate the color by 10%, you get **7AA755**, and if you desaturate by 10%, it is **8CA777**.

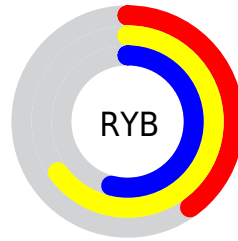
Distribution



Red (51%)

Green (65%)

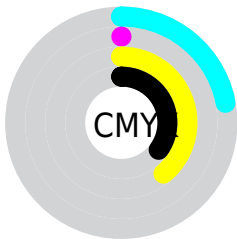
Blue (40%)



Red (40%)

Yellow (65%)

Blue (54%)

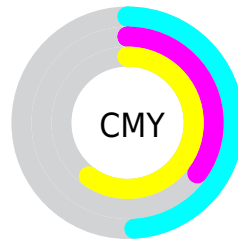


Cyan (22%)

Magenta (0%)

Yellow (39%)

Black (35%)



Cyan (49%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A766 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 83A766 by changing the saturation by 10% instead.

 83A766

 83A766

FFFFFF

 698C4D

 B9DE9A

 507336

 D5FBB5

 375A1F

 F2FFD1

 1F4207

 FFFFED

 082C00

 001800

 000000

 83A766

 83A766

 7AA755

 8CA777

 71A745

 95A787

 67A734

 9FA798

 5EA723

 A8A7A9

 55A713

 B1A7B9

 4CA702

 BAA7CA

 4BA700

 C4A7DB

 CDA7EC

 D6A7FC

Harmonies

Analogous

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



A89E58



83A766



57AD83

Triad

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



83A766



37A7DC



DE8193

Complementary

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



83A766



8A66A7

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.



D085B6



83A766



7B9CE0

Square

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



83A766



00ADC7



AE90D2



DA8773

Rectangle

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



83A766



32AE9A



AE90D2



DB819F

Sweetspot

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



83A766



CAD9BF



A78A66



656E5E



EDEDED



6E6E6E

Same Dimension

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



83A766



A0D973



66A769



4F544C



429400



091400

Inverse Universe

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



8A66A7



AB73D9



A766A4



504C54



520094



0B0014

Previews

White Background



This preview shows how the Hex color 83A766 looks on a white background.

Color Contrast Check

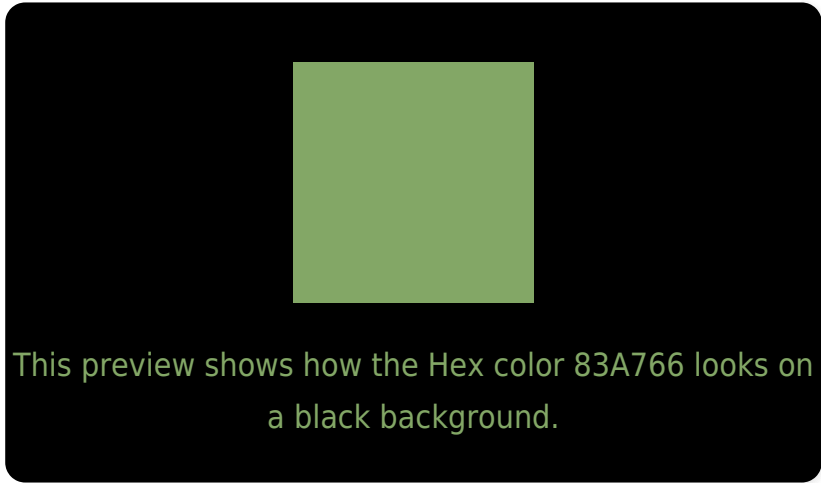
Large Text (above 18pt) WCAG AA × Fail

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

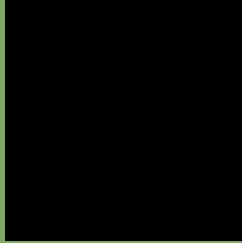
Any Text WCAG AA ✓ Pass

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 83A766 Background



This preview shows how black text looks on a background with the Hex color 83A766.

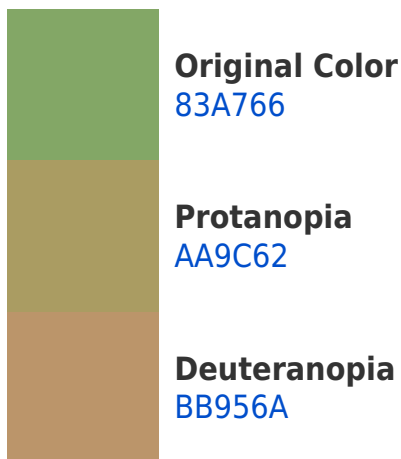


This preview shows how white text looks on a background with the Hex color 83A766.

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](#).

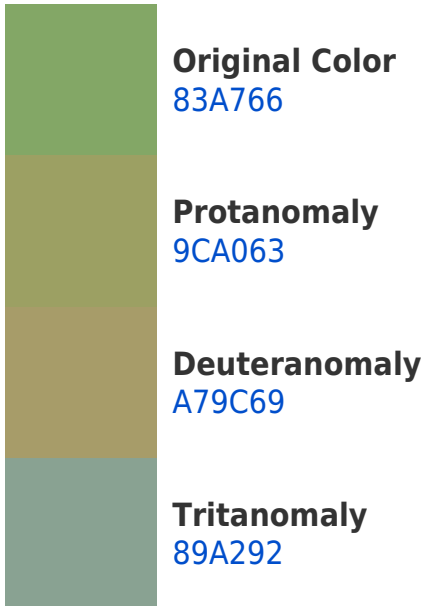
Dichromacy



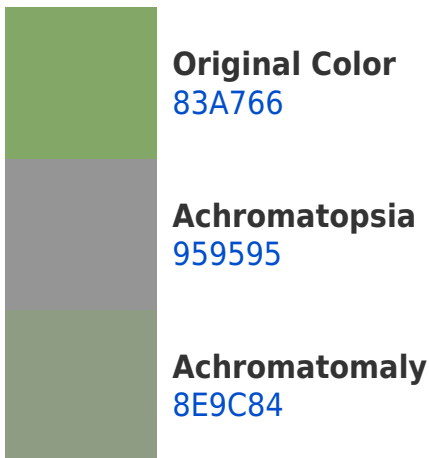


Tritanopia
8D9FAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83A766 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 #83A766 looks like.

```
.text, #text, p{  
    color:#83A766  
}
```

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 #83A766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A766
}
```

Border

The CSS property to change the border of an element to Hex 83A766 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
#83A766 }
```

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

```
.border{ border-color:#83A766 }
```

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

Here you see how a box with a 4 pixel #83A766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A766; -webkit-box-shadow:4px 4px  
4px 4px #83A766; box-shadow:4px 4px 4px  
4px #83A766 }
```

Background

The CSS property to change the background color of an element to Hex 83A766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A766 }
```

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

```
.background{ background-color:#83A766 }
```

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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