

Converting Colors

Hex(83BF76)

Have a look what the booklet for
Hex(83BF76) contains.

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Color

Hex(83BF76)

Conversions

Conversions Part 1

Format	Color
Hex	83BF76
RGB	131, 191, 118
RGB Percent	51%, 75%, 46%
CMY	0.4863, 0.2510, 0.5373
CMYK	0.31, 0.00, 0.38, 0.25
HSL	109°, 36%, 61%
HSV	109°, 38%, 75%
XYZ	31.2609, 43.3949, 23.8680
YIQ	164.7380, -12.3270, -35.4230

Conversions

Conversions Part 2

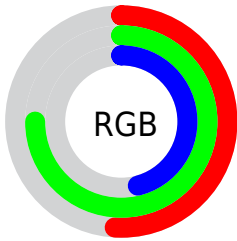
Format	Color
RYB	118, 191, 178
Decimal	8634230
CIELab	71.82, -33.41, 30.83
CIELCh	72, 45.457, 137.301
Yxy	43.3949, 0.3173, 0.4405
Android (android.graphics.Color)	4286824310 (0xFF83BF76)
YUV	164.7380, -23.0418, -29.5882
Hunter-Lab	65.8748, -30.5737, 24.6302

Details

The Hex color **83BF76** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B276BF**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **BAF8AB**, and **4F8944** is the 20% darker color. If you saturate the color by 10%, you get **73BF63**, and if you desaturate by 10%, it is **93BF89**.

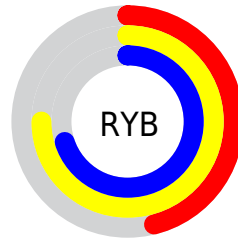
Distribution



Red (51%)

Green (75%)

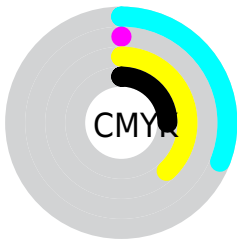
Blue (46%)



Red (46%)

Yellow (75%)

Blue (70%)

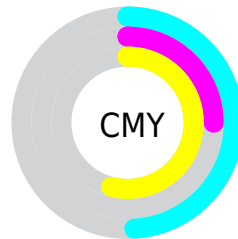


Cyan (31%)

Magenta (0%)

Yellow (38%)

Black (25%)



Cyan (49%)

Magenta (25%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83BF76 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 83BF76 by changing the saturation by 10% instead.



83BF76



83BF76

FFFFFF



69A45D



BAF8AB



4F8944



D6FFC6



356F2D



F3FFE3



195715



003F00



002900



000C00



000000



83BF76



83BF76

 73BF63

 93BF89

 64BF50

 A2BF9C

 54BF3D

 B2BFAF

 44BF2A

 C2BFC2

 35BF17

 D1BFD6

 25BF03

 E1BFE9

 22BF00

 F1BFFC

 FFBFFF

Harmonies

Analogous

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



B2B55F



83BF76



46C49C

Triad

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



83BF76



44B9FF



FF8F99

Complementary

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



83BF76



B276BF

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.



F590C3



83BF76



98ACFF

Square

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



83BF76



00C2EC



D29CE9



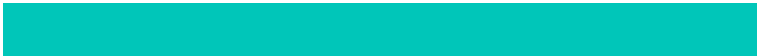
F59975

Rectangle

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



83BF76



00C6B9



D29CE9



FF8EA7

Sweetspot

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



83BF76



E1F7DC



BFB276



707D6D



FCFCFC



7D7D7D

Same Dimension

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



83BF76



9AF786



76BF8D



575E55



1C9E00



051F00

Inverse Universe

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



B276BF



E386F7



BF76A8



5D555E



82009E



19001F

Previews

White Background



This preview shows how the Hex color 83BF76 looks on a white background.

Color Contrast Check

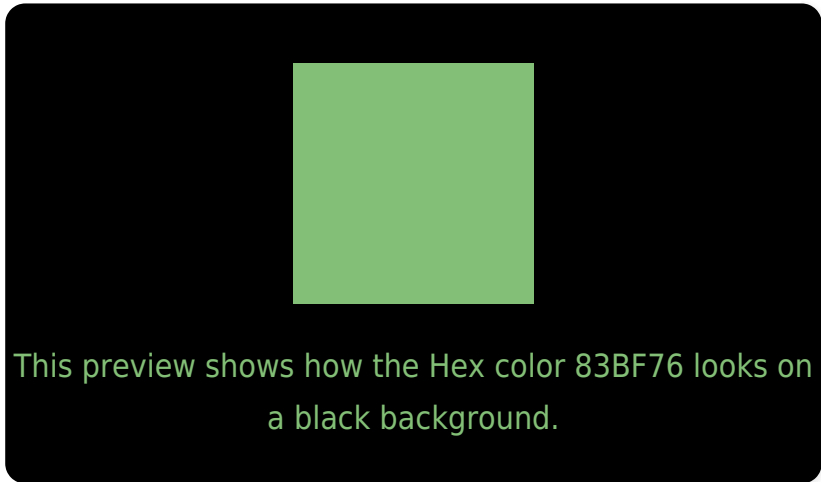
Large Text (above 18pt) WCAG AA × Fail

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 83BF76 Background



This preview shows how black text looks on a background with the Hex color 83BF76.

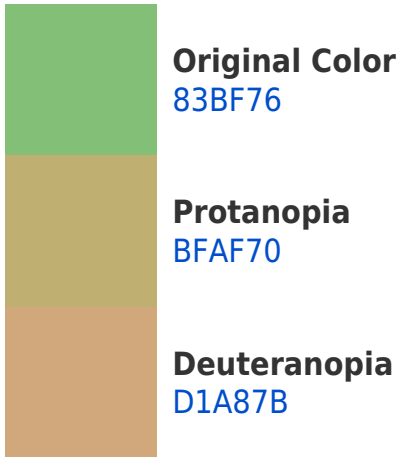


This preview shows how white text looks on a background with the Hex color 83BF76.

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](#).

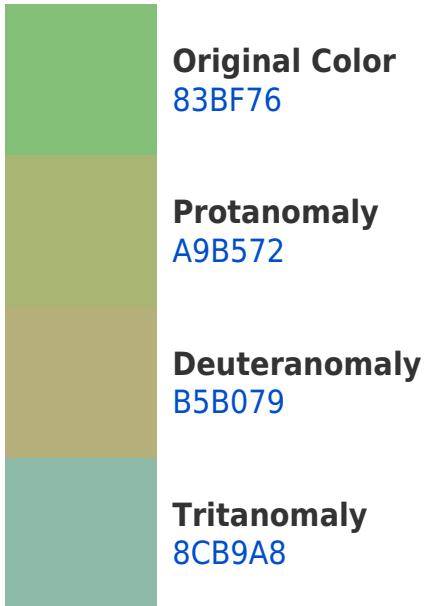
Dichromacy



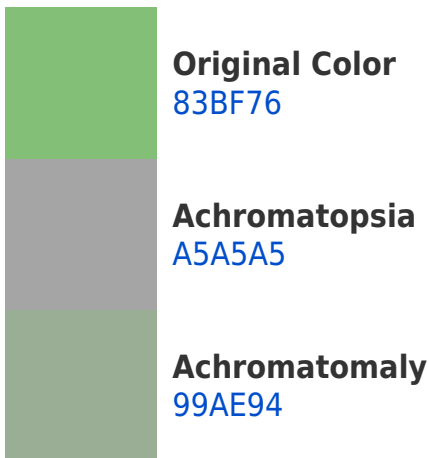


Tritanopia
91B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83BF76 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 #83BF76 looks like.

```
.text, #text, p{  
    color:#83BF76  
}
```

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 #83BF76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83BF76
}
```

Border

The CSS property to change the border of an element to Hex 83BF76 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
#83BF76 }
```

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

```
.border{ border-color:#83BF76 }
```

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

Here you see how a box with a 4 pixel #83BF76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83BF76; -webkit-box-shadow:4px 4px  
4px 4px #83BF76; box-shadow:4px 4px 4px  
4px #83BF76 }
```

Background

The CSS property to change the background color of an element to Hex 83BF76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83BF76 }
```

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

```
.background{ background-color:#83BF76 }
```

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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