

# Converting Colors

Hex(83B577)

Have a look what the booklet for  
Hex(83B577) contains.

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# **Color**

**Hex(83B577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B577
RGB	131, 181, 119
RGB Percent	51%, 71%, 47%
CMY	0.4863, 0.2902, 0.5333
CMYK	0.28, 0.00, 0.34, 0.29
HSL	108°, 30%, 59%
HSV	108°, 34%, 71%
XYZ	29.2137, 39.2050, 23.4804
YIQ	158.9820, -9.8980, -29.8820

# Conversions

## Conversions Part 2

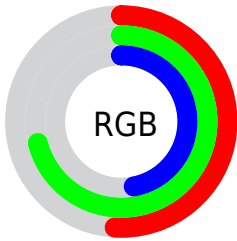
Format	Color
<a href="#">RYB</a>	<a href="#">119, 181, 169</a>
Decimal	<a href="#">8631671</a>
CIELab	<a href="#">68.90, -28.51, 26.44</a>
CIElCh	<a href="#">69, 38.889, 137.157</a>
Yxy	<a href="#">39.2050, 0.3179, 0.4266</a>
Android (android.graphics.Color)	<a href="#">4286821751 (0xFF83B577)</a>
YUV	<a href="#">158.9820, -19.7111, -24.5402</a>
Hunter-Lab	<a href="#">62.6139, -26.2916, 21.5958</a>

# Details

The Hex color **83B577** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A977B5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B9EDAC**, and **4F8046** is the 20% darker color. If you saturate the color by 10%, you get **74B565**, and if you desaturate by 10%, it is **92B589**.

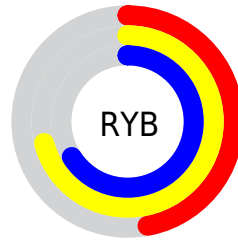
# Distribution



Red (51%)

Green (71%)

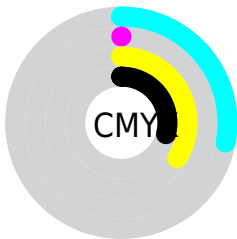
Blue (47%)



Red (47%)

Yellow (71%)

Blue (66%)

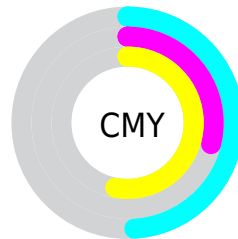


Cyan (28%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83B577 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 83B577 by changing the saturation by 10% instead.





83B577



83B577

FFFFFF



699A5E



B9EDAC



4F8046



D5FFC7



37662E



F2FFE3



1D4E18



023700



002200



000000



83B577



83B577



74B565



92B589

 66B553

 A0B59B

 57B541

 AFB5AD

 49B52F

 BDB5BF

 3AB51D

 CCB5D2

 2BB50A

 DBB5E4

 23B500

 E9B5F6

 F8B5FF

 FFB5FF

# Harmonies

## Analogous

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



ABAC64



83B577



55BA97

# Triad

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



83B577



58B0EC



ED8D95

# Complementary

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



83B577



A977B5

# 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.



E38EB9



83B577



95A5EB

# Square

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



83B577



00B8DB



C598D8



E49576

# Rectangle

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



83B577



2EBBB0



C598D8



EC8CA1

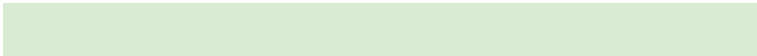


# Sweetspot

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



83B577



D8EBD3



B5A977



6A7567



F5F5F5



757575



# Same Dimension

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



83B577



9DEB8A



77B58A



525950



1E9900



051A00



# Inverse Universe

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



A977B5



D88AEB



B577A2



585059



7B0099



15001A



# Previews

## White Background



This preview shows how the Hex color 83B577 looks on a white background.

## Color Contrast Check

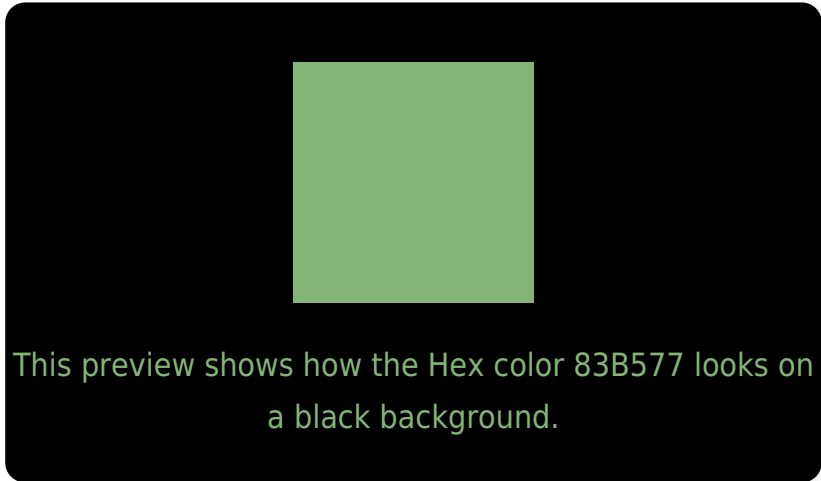
Large Text (above 18pt) WCAG AA × Fail

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

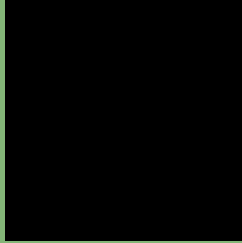
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83B577 Background



This preview shows how black text looks on a background with the Hex color 83B577.

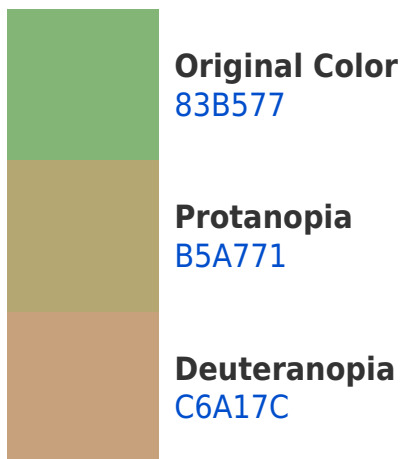


This preview shows how white text looks on a background with the Hex color 83B577.

# Color Blindness Simulation

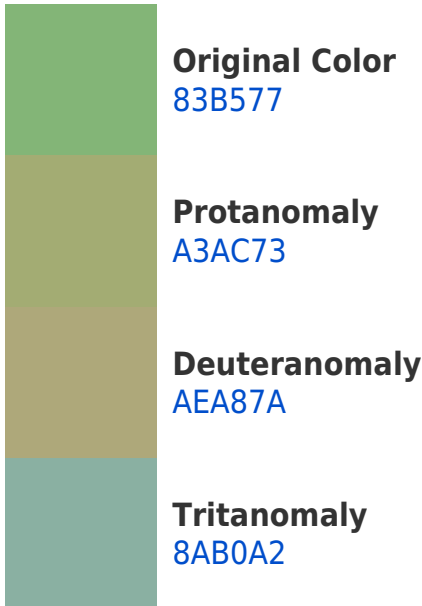
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

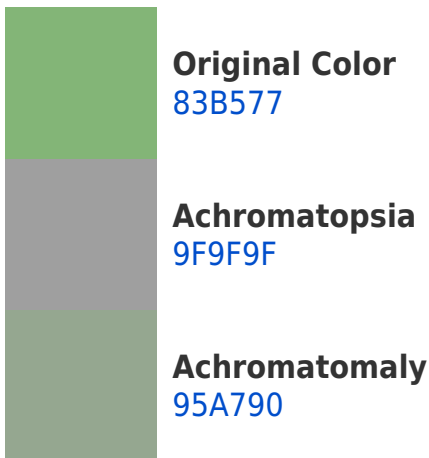




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83B577 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 #83B577 looks like.

```
.text, #text, p{  
    color:#83B577  
}
```

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 #83B577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B577
}
```

## Border

The CSS property to change the border of an element to Hex 83B577 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
#83B577 }
```

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

```
.border{ border-color:#83B577 }
```

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

Here you see how a box with a 4 pixel #83B577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B577; -webkit-box-shadow:4px 4px  
4px 4px #83B577; box-shadow:4px 4px 4px  
4px #83B577 }
```

# Background

The CSS property to change the background color of an element to Hex 83B577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B577 }
```

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

```
.background{ background-color:#83B577 }
```

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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