“Different Properties of Buttons”

background\_color:

Background color, in the format (r, g, b, a).

This acts as a multiplier to the texture colour. The default texture is grey, so just setting the background color will give a darker result. To set a plain color, set the [background\_normal](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_normal) to ''.

The [background\_color](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_color) is a [ColorProperty](https://kivy.org/doc/stable/api-kivy.properties.html#kivy.properties.ColorProperty) and defaults to [1, 1, 1, 1].

Example:

(Kivy Design Language)

background\_color: 0,1,0,1 # Represents Pure Green Color.

(Python Language)

Btn=Button(text=”Hello World!”, background\_color=(0,1,0,1))

Tip:

These Values Ranges from 0 to 1. Like 0.1, 0.9, 0.657, etc.

background\_disabled\_down:

Background image of the button when the button is disabled and pressed.

[background\_disabled\_down](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_disabled_down) is a [StringProperty](https://kivy.org/doc/stable/api-kivy.properties.html#kivy.properties.StringProperty) and defaults to ‘atlas://data/images/defaulttheme/button\_disabled\_pressed’(Default Image).

Example:

(Kivy Design Language)

background\_disabled\_down: ‘anyimage.png’

(Python Language)

Disabled\_Btn=Button (text=”Button is currently disabled”, background\_disabled\_down= ‘anyimage.png’)

background\_disabled\_normal:

Background image of the button when the button is disabled and not pressed.

[background\_disabled\_normal](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_disabled_normal) is a [StringProperty](https://kivy.org/doc/stable/api-kivy.properties.html#kivy.properties.StringProperty) and defaults to ‘atlas://data/images/defaulttheme/button\_disabled’(Default Image).

background\_down:

Background image of the button used for the default graphical representation when the button is pressed.

[background\_down](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_down) is a [StringProperty](https://kivy.org/doc/stable/api-kivy.properties.html#kivy.properties.StringProperty) and defaults to ‘atlas://data/images/defaulttheme/button\_pressed’.

background\_normal:

It represents background image of the button used for the default graphical representation when the button is not pressed.

[background\_normal](https://kivy.org/doc/stable/api-kivy.uix.button.html#kivy.uix.button.Button.background_normal) is a [StringProperty](https://kivy.org/doc/stable/api-kivy.properties.html#kivy.properties.StringProperty) and defaults to ‘atlas://data/images/defaulttheme/button’(default image location).