MECE-301 Engineering Applications Laboratory
Assignment #1

Colors of pixels on digital displays can be represented as a combination of individual values of red, green, and blue components. One simple color scheme known as 8-bit color uses an integer range for each color component of 0-255 (hence the name 8-bit color: $2^8 = 256$ levels). In LabVIEW, create a VI with three sliders, each of which allows the user to input one of the three component colors. Display the resulting full color in a color box on the front panel.

- The component color sliders should each reflect the fact that the numeric values are to be integers restricted to the range 0-255.
- You will need to use the *RGB to Color* subVI as shown in the figure.