

1. Use potentiometer to control the brightness of the green, blue and white RGB lights.
2. Press the button to switch the color of the RGB light controlled by the potentiometer.
3. Combine the "Buzzer Play Tone" block to realize: When potentiometer module counterclockwise rotation(0 ~ 1023), buzzer plays do, rui, mi, fa, sol, la, si, do tone.

Tip: reference tone do(262), rui(294), mi(330), fa(350), sol(393), la(441), si(495).

For the code of this course, please refer to **Potentiometer_Expand_1.sb3**,
Potentiometer_Expand_2.sb3, **Potentiometer_Expand_3.sb3**.

3.

