

We have eqs for border, water, + ricebg,
how to adjust vgb output

border

$$\text{top} = V_{\text{pos}} \geq 0 \Rightarrow V_{\text{pos}} \leq 7$$

$$\text{bottom} = V_{\text{pos}} \geq 471 \ \& \ V_{\text{pos}} \leq 479$$

$$\text{left} = (V_{\text{pos}} > 7 \ \& \ V_{\text{pos}} < 471) \ \& \ H_{\text{pos}} \geq 0 \ \& \ H_{\text{pos}} \leq 7$$

$$\text{right} = (V_{\text{pos}} > 7 \ \& \ V_{\text{pos}} < 471) \ \& \ H_{\text{pos}} \geq 631 \ \& \ H_{\text{pos}} \leq 639$$