We wish to show that there is no four color measurable unit graph coloring in the plane. It is known by simple constructions that for n the chromatic number of the unit graph in $\mathbf{R}^2$, $4 \leq n \leq 7$. There is also a bound on the large scale density any single color can have in a measurable unit graph coloring of $\mathbf{R}^2$. But this is not strong enough to preclude a four color coloring. In showing this result we will use mainly the well known Fubini Theorem (FT), and the Lebesgue Density Theorem (LDT). The latter says that for U a measurable set, $\{x \in U \mid \lim_{\epsilon \to 0} \frac{1}{\pi\epsilon^2}$ area of $(D(x, \epsilon) \cap U) = 1\}$ is almost all of U.