This work describes schemes for coloring an $m \times n$ grid in two or more colors. Such a grid is based on the “product” of two $q$-ary sequences, one of length $m$ and the other of length $n$, each built from an alphabet $A$ containing $q$ distinct symbols and a $q \times q$ product matrix that defines the product of two elements $a_i$ and $a_j$ of $A$. With this product matrix and a color set containing up to $q^2$ colors, we define the $m \times n$ product of two such $q$-ary sequences, along with its associated $m \times n$ colored grid. Considered in detail is the special case when the product matrix is a one-step right circulant latin square and the number of colors is from 2 to $q$. These ideas are then extended to a systematic procedure for creating patterns within patterns (nested or hierarchical designs). Because a traditional weaving draft or drawdown is a rectangular grid of black and white squares that defines a fabric structure, these results can be applied to textile design, allowing for construction of hierarchical patterns not previously described in the weaving literature. (Received August 07, 2013)