

ValidColouring[

$\{\{x, 1, 4, 2, 5\}, \{x, 3, 6, 4, 1\}, \{x, 5, 2, 6, 3\}\}, \{1, 2\},$
 $\{\{1, 2, 4\}, \{2, 1, 4\}, \{1, 4, 2\}\}, \{\{1, 2, 3\}, \{1, 2, 3\}\}]$

True