ANTI-KING SUDOKU

Fill digits 1-9 in the empty spaces of the grid so that they appear once in each row, column, and 3×3 square.

Additionally, no two cells that are a Chess King's move apart can have the same digits.

7		2						
			5					8
8	9	3	6		4	5		
	6						8	
		7	8		9	1	5	3
	8		1				4	6
1				9				
		6	2		5	4		
	7					9		

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