Helpful Sudoku

Puzzle 04 of 10 | X Sudoku

Hard | 24 clues | Clues without candidates

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

https://helpful-sudoku.com

Every row, column and 3 x 3 box contains 1-9 once. Both diagonals do too.

Notes:

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.

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Puzzle 04 of 10 | X Sudoku

Hard | 24 clues | Clues + candidates

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

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Candidates show legal possibilities in the starting grid. Cross them out as you solve.

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.

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Puzzle 04 of 10 | X Sudoku

Hard | 24 clues | Solution

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

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Every row, column and 3 x 3 box contains 1-9 once. Both diagonals do too.

Original clues are bold. Other digits complete the solution.

Hard:

X Sudoku with one to three branching choices, or no branching choices with more hidden singles than naked singles.