Helpful Sudoku

Puzzle 07 of 10 | X Sudoku

Hard | 19 clues | Clues without candidates

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

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 07 of 10 | X Sudoku

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

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

Hard:

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Hard | 19 clues | Solution

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

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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.