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Acres to Square Feet Conversion Chart

Acres to square feet, square metres and hectares

For: Property buyers, farmers, surveyors and landscapers

allunitconversions.com/ac-to-sqft-conversion-chart
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EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 acre = 43,560 ft² = 4,046.856 422 4 m² exactly	ft² = acres × 43,560	acres = ft² ÷ 43,560	0.25 ac × 43,560 = 10,890 ft²

Square feet and square metres are whole numbers; hectares to 4 decimal places.

Factor matrix — 1 unit in every other unit

1 unit =	ft²	yd²	m²	ac	ha	km²	mi²
1 ft²	1	0.111111	0.092903	2.29568×10^{-5}	9.2903×10^{-6}	9.2903×10^{-8}	3.58701×10^{-8}
1 yd²	9	1	0.836127	2.06612×10^{-4}	8.36127×10^{-5}	8.36127×10^{-7}	3.22831×10^{-7}
1 m²	10.7639	1.19599	1	2.47105×10^{-4}	1×10^{-4}	1×10^{-6}	3.86102×10^{-7}
1 ac	43,560	4,840	4,046.86	1	0.404686	0.00404686	0.0015625
1 ha	107,639	11,959.9	10,000	2.47105	1	0.01	0.00386102
1 km²	1.07639×10^{7}	1.19599×10^{6}	1×10^{6}	247.105	100	1	0.386102
1 mi²	2.78784×10^{7}	3.0976×10^{6}	2.58999×10^{6}	640	258.999	2.58999	1

Acres to square feet, square metres and hectares

Acres (ac)	Square feet (ft²)	Square metres (m²)	Hectares (ha)
0.1	4,356	405	0.0405
0.125	5,445	506	0.0506
0.2	8,712	809	0.0809
0.25	10,890	1,012	0.1012
0.3	13,068	1,214	0.1214
0.33	14,375	1,335	0.1335
0.4	17,424	1,619	0.1619
0.5	21,780	2,023	0.2023
0.6	26,136	2,428	0.2428
0.7	30,492	2,833	0.2833
0.75	32,670	3,035	0.3035
0.8	34,848	3,237	0.3237
0.9	39,204	3,642	0.3642
1	43,560	4,047	0.4047
1.25	54,450	5,059	0.5059
1.5	65,340	6,070	0.6070
2	87,120	8,094	0.8094

Acres (ac)	Square feet (ft²)	Square metres (m²)	Hectares (ha)
2.5	108,900	10,117	1.0117
3	130,680	12,141	1.2141
4	174,240	16,187	1.6187
5	217,800	20,234	2.0234
6	261,360	24,281	2.4281
7	304,920	28,328	2.8328
8	348,480	32,375	3.2375
9	392,040	36,422	3.6422
10	435,600	40,469	4.0469
15	653,400	60,703	6.0703
20	871,200	80,937	8.0937
25	1,089,000	101,171	10.1171
40	1,742,400	161,874	16.1874
50	2,178,000	202,343	20.2343
100	4,356,000	404,686	40.4686
160	6,969,600	647,497	64.7497
640	27,878,400	2,589,988	258.9988

Sources and method

- **International Yard and Pound Agreement (1959)** — 1 in = 25.4 mm, 1 ft = 0.3048 m, 1 lb = 0.453 592 37 kg exactly
- **NIST Special Publication 811** — Guide for the Use of the International System of Units (www.nist.gov/pml/special-publication-811)

Conversion values on this sheet are generated by the AllUnitConversions conversion library and automatically checked against the exact definitions above before the PDF is produced; reference tables are taken from the sources listed. Interactive version, corrections and more charts: **allunitconversions.com/ac-to-sqft-conversion-chart**