# Area Unit Category

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Alea		
Unit Name	Symbol	SI Equivalent
· <u>acre</u>	ac, acre	4046.86 m <sup>2</sup>
· <u>are</u>	а	100 m <sup>2</sup>
· <u>barn</u>	b	$1x10^{-28} \text{ m}^2$
· barrel (US, liq.) per foot	bbl (US, liq.)/ft	0.391209 m <sup>2</sup>
· barrel (US, liq.) per inch	bbl (US, liq.)/in	4.69451 m <sup>2</sup>
· barrel (US, petrol) per foot	bbl (US, petrol)/ft	0.521612 m <sup>2</sup>
· barrel (US, petrol) per inch	bbl (US, petrol)/in	6.25934 m <sup>2</sup>
· <u>centare</u>		1 m <sup>2</sup>
· circular inch	cin	5.06707x10 <sup>-4</sup> m <sup>2</sup>
· <u>circular mil</u>	cmil	5.06707x10 <sup>-10</sup> m <sup>2</sup>
<u>hectare</u>	ha	$1x10^4 \text{ m}^2$
morgen (Dutch)		8244.35 m <sup>2</sup>
· morgen (Prussian)		2532.24 m <sup>2</sup>
· morgen (South Africa)		8565.3 m <sup>2</sup>
· quarter section		6.47497x10 <sup>5</sup> m <sup>2</sup>
· rood (UK)		1011.71 m <sup>2</sup>
· section (square statute mile)	sq.mi, mi² (stat.)	2.58999x10 <sup>6</sup> m <sup>2</sup>
· <u>shed</u>		$1x10^{-52} \text{ m}^2$
· square centimeter	cm <sup>2</sup>	$1x10^{-4} \text{ m}^2$
· square chain (engineer's)	sq. ch. (engineer's)	929.03 m <sup>2</sup>
· square chain (Gunter's)	sq. ch. (Gunter's)	404.686 m <sup>2</sup>
· square decameter	dam <sup>2</sup>	100 m <sup>2</sup>
· square decimeter	$dm^2$	$1x10^{-2} \text{ m}^2$
· square exameter	Em <sup>2</sup>	1x10 <sup>36</sup> m <sup>2</sup>
· square femtometer	fm <sup>2</sup>	1x10 <sup>-30</sup> m <sup>2</sup>

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 $\cdot$  square fermi f<sup>2</sup> 1x10<sup>-30</sup> m<sup>2</sup>

 $\cdot$  square foot ft<sup>2</sup> 9.2903x10<sup>-2</sup> m<sup>2</sup>

 $\begin{array}{cccc} \cdot & \text{square gigameter} & \text{Gm}^2 & 1x10^{18} \text{ m}^2 \\ \cdot & \text{square hectometer} & \text{hm}^2 & 1x10^4 \text{ m}^2 \\ \end{array}$ 

• square inch in<sup>2</sup>, sq. in  $6.4516x10^{-4} \text{ m}^2$ 

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