

Conversion Factors

To Convert	Multiply by	To Convert	Multiply by	To Convert	Multiply by
Area		Volume and Capacity		Length	
Square inches into square millimetres	645.16	Cubic inches into cubic centimetres	16.387064	Milli-inches into micrometres	25.4
Square inches into square centimetres	6.4516	Cubic inches into litres	0.0163871	Inches into millimetres	25.4
Square feet into square centimetre	929.0304	Cubic feet into cubic metres	0.0283168	Inches into centimetres	2.54
Square feet into square metres	0.092903	Cubic feet into litres	28.316847	Inches into metres	0.0254
Square yards into square feet	9.00	Cubic yards into cubic metres	0.7645549	Centimetres into inches	0.393401
Square yards into square metres	0.836127			Feet into millimetres	304.8
Square metres into square feet	10.7639	Mass		Feet into centimetres	30.48
Square metres into square yards	1.19599	Grains into metric carats	0.323995	Feet into metres	0.3048
Square yards into acres	0.000206612	Grams into ounces	0.035274	Yards into metres	0.9144
Acres into square metres	4046.8564	Ounces into grams	28.349523	Fathoms into metres	1.8288
Acres into square yards	4840	Ounces into kilograms	0.0283495	Chains into metres	20.1168
Acres into hectares	0.4046856	Pounds into kilograms	0.4535924	Furlongs into metres	201.168
Hectares into acres	2.47105	Kilograms into pounds	2.20462	Miles, statute into kilometres	1.609344
Hectares into square metres	10000	UK Tonnes into kilograms	1016.0469	Miles, nautical into kilometres	1.852
Square kilometres into hectares	100	UK Tonnes into metric tonnes	1.01605		
Square miles into square kilometres	2.589988	Tonnes into pounds	2,240	Temperature	
Square miles into acres	640			Degree Celsius to Degree Fahrenheit	$^{\circ}\text{F} = (^{\circ}\text{C} \times 9/5) + 32$
Square kilometres into square miles	0.386102			Degree Fahrenheit to Degree Celsius	$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 5/9$