

# Conversion Factors

## S

To Convert	Into	Multiply By
Scruples	grains	20
seconds (angle)	degrees	$2.778 \times 10^{-4}$
seconds (angle)	minutes	0.01667
seconds (angle)	quadrants	$3.087 \times 10^{-6}$
seconds (angle)	radians	$4.848 \times 10^{-6}$
Slug	Kilogram	14.59
Slug	Pounds	32.17
Sphere	Steradians	12.57
square centimeters	circular mils	$1.973 \times 10^5$
square centimeters	sq feet	$1.076 \times 10^{-3}$
square centimeters	sq inches	0.1550
square centimeters	sq meters	0.0001
square centimeters	sq miles	$3.861 \times 10^{-11}$
square centimeters	sq millimeters	100
square centimeters	sq yards	$1.196 \times 10^{-4}$
square chains	acre	0.1
square feet	acres	$2.296 \times 10^{-5}$
square feet	circular mils	$1.833 \times 10^8$
square feet	sq cms	929
square feet	sq inches	144
square feet	sq meters	0.09290
square feet	sq miles	$3.587 \times 10^{-8}$
square feet	sq millimeters	$9.290 \times 10^4$
square feet	sq yards	0.1111
square inches	circular mils	$1.273 \times 10^6$
square inches	sq cms	6.452
square inches	sq feet	$6.944 \times 10^{-3}$
square inches	sq millimeters	645.2
square inches	sq mils	$10^6$
square inches	sq yards	$7.716 \times 10^{-4}$
square kilometers	acres	247.1
square kilometers	sq cms	$10^{10}$
square kilometers	sq ft	$10.76 \times 10^6$
square kilometers	sq inches	$1.550 \times 10^9$
square kilometers	sq meters	$10^6$
square kilometers	sq miles	0.3861
square kilometers	sq yards	$1.196 \times 10^6$
square meters	acres	$2.471 \times 10^{-4}$
square meters	sq cms	$10^4$
square meters	sq feet	10.76
square meters	sq inches	1550.0
square meters	sq miles	$3.861 \times 10^{-7}$
square meters	sq millimeters	$10^6$
square meters	sq yards	1.196
square miles	acres	640
square miles	sq feet	$27.88 \times 10^6$
square miles	sq kms	2.590
square miles	sq meters	$2.590 \times 10^6$
square miles	sq yards	$3.098 \times 10^6$
square miles	township	0.2777
square millimeters	circular mils	1,973.0
square millimeters	sq cms	0.01
square millimeters	sq feet	$1.076 \times 10^{-5}$
square millimeters	sq inches	$1.550 \times 10^{-3}$

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To Convert	Into	Multiply By
square mils	circular mils	1.273
square mils	sq cms	$6.452 \times 10^{-6}$
square mils	sq inches	$10^6$
square rods	sq yards	30.25
square rods	roods	0.025
square yards	acres	$2.006 \times 10^{-4}$
square yards	sq cms	8,361.0
square yards	sq feet	9.0
square yards	sq inches	1,296.0
square yards	sq meters	0.8361
square yards	sq miles	$3.228 \times 10^{-7}$
square yards	sq millimeters	$8.361 \times 10^5$
square yards	sq rods	0.03305
steres	ords	0.27586

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