

All units in time

Edit any value and every other unit updates instantly.

METRIC · 5 units ▲	
scientific year	1.000
second s TO UNIT ⓘ	31 558 150
millisecond ms	31 558 149 984
microsecond μs	31 558 149 984 384
nanosecond ns	31 558 149 984 384 000
COMMON UNITS · 7 units ▲	
julian year ⓘ	1.000
gregorian year ⓘ	1.000
month (30 days) mo	12.18
week wk	52.18
day d ⓘ	365.3
hour h ⓘ	8 766
minute min ⓘ	525 969
ASTRONOMICAL · 4 units ▲	
anomalistic year ⓘ	1.0000
sidereal year FROM	1.000
stellar year	1.000

tropical year

1.000

Conversion table from sidereal year to second

SIDEREAL YEAR	SECOND
0	0
1.000	31 558 150
2.000	63 116 300
3.000	94 674 450
4.000	126 232 600
5.000	157 790 750
6.000	189 348 900
7.000	220 907 050
8.000	252 465 200
9.000	284 023 350
10.00	315 581 500
11.00	347 139 650
12.00	378 697 800
13.00	410 255 950
14.00	441 814 100
15.00	473 372 250
16.00	504 930 400
17.00	536 488 550
18.00	568 046 700
19.00	599 604 850
20.00	631 163 000
21.00	662 721 150

SIDEREAL YEAR	SECOND
22.00	694 279 300
23.00	725 837 450
24.00	757 395 600
25.00	788 953 750
26.00	820 511 900
27.00	852 070 050
28.00	883 628 200
29.00	915 186 350

Conversion table from sidereal year to minute

SIDEREAL YEAR	MINUTE
0	0
1.000	525 969
2.000	1 051 938
3.000	1 577 907
4.000	2 103 877
5.000	2 629 846
6.000	3 155 815
7.000	3 681 784
8.000	4 207 753
9.000	4 733 722
10.00	5 259 692
11.00	5 785 661
12.00	6 311 630
13.00	6 837 599
14.00	7 363 568
15.00	7 889 537
16.00	8 415 507
17.00	8 941 476
18.00	9 467 445
19.00	9 993 414
20.00	10 519 383
21.00	11 045 352

SIDEREAL YEAR	MINUTE
22.00	11 571 322
23.00	12 097 291
24.00	12 623 260
25.00	13 149 229
26.00	13 675 198
27.00	14 201 167
28.00	14 727 137
29.00	15 253 106

Conversion table from sidereal year to hour

SIDEREAL YEAR	HOUR
0	0
1.000	8 766
2.000	17 532
3.000	26 298
4.000	35 065
5.000	43 831
6.000	52 597
7.000	61 363
8.000	70 129
9.000	78 895
10.00	87 662
11.00	96 428
12.00	105 194
13.00	113 960
14.00	122 726
15.00	131 492
16.00	140 258
17.00	149 025
18.00	157 791
19.00	166 557
20.00	175 323
21.00	184 089

SIDEREAL YEAR	HOUR
22.00	192 855
23.00	201 622
24.00	210 388
25.00	219 154
26.00	227 920
27.00	236 686
28.00	245 452
29.00	254 218