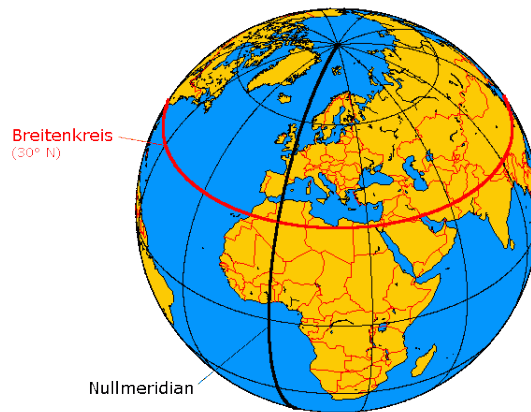


Conversion of Geo-Coordinates

There are three notation systems for longitude and latitude.
They can be converted easily.

Example: Coordinates of the University of Education Freiburg

Decimal degrees	47.98079 7.89378
Degrees° minutes' seconds"	N47° 58' 50.844" E7° 53' 37.608"
Degress° decimal minutes	N47° 58.8474 E7° 53.6268



Simple conversion examples

Decimal system	Minutes
0.5	30'
0.25	15'
0.9	54'

Background

Conversion tools on the web:

- <http://rechneronline.de/geo-koordinaten/>
- http://www.koordinaten.de/online/koordinaten_umrechnung.shtml
- <http://boulter.com/gps/>

Scientific basis: the World Geodetic System 1984 (WGS 84) is a reference system providing a standard coordinate frame for the notation of positions on the earth and in near-earth outer space.
Source of illustration above: commons.wikimedia.org