

How to obtain a 10m UTM Grid Reference from Web-based Transformation Tool

Step 1 – Get UTM Grid Zone

Web-based Transformation Tool
Developed by Geodetic Survey Section
Version 1.11 - Last updated 4-Jun-2012

STEP 1 Please select Input and Output Datum

INPUT
HK 1980 Grid Coordinate

OUTPUT
UTM Grid Reference (WGS84 Datum)

STATUS: Remarks: Results round-down to nearest 100m

IMPORTANT NOTES: The conversion result is for general reference only.

Input - HK 1980 Grid Coordinate				Output - UTM Grid Reference (WGS84)			
Point	Northing (m)	Easting (m)		Point	Zone	Easting (m)	Northing (m)
Sample1	820351.389	832591.320		Sample1	KK	054	712
	820351	832591			50Q-KK	054	712

Step 2 – Get UTM Grid Coordinates

STEP 1 Please select Input and Output Datum

INPUT
HK 1980 Grid Coordinate

OUTPUT
UTM Grid (WGS 84 Datum)

STATUS: Remarks: Results round-down to nearest 1m

IMPORTANT NOTES: The conversion result is for general reference only.

Input - HK 1980 Grid Coordinate				Output - UTM Grid (WGS84)			
Point	Northing (m)	Easting (m)		Point	Zone	Northing (m)	Easting (m)
Sample1	820351.389	832591.320		Sample1	50Q	2471279	205494
	820351	832591			50Q	2471279	205494

Step 3 – Construct the 10m UTM Grid Reference

Count from the least digit, take the 2nd to the 5th digits of the **east**ing and **nor**thing coordinates

e.g. E= 2 **0549** 4 ⇒ 50Q KK **0549 7127**
 N= 24 **7127** 9