

Migrate to MapmyIndia APIs

Reverse Geo-Coding API

This document will guide you through the different request and response parameters of MapmyIndia's Reverse Geocoding API and how you can extract data analogous to Google Reverse Geocoding service from MapmyIndia Reverse Geocoding API.

MapmyIndia	Google
Endpoint for using Reverse Geocoding API: https://apis.mapmyindia.com/advancedmaps/v1/key/rev_geocode?lat=28.5495&lng=77.2679	Endpoint for using Reverse Geocoding API: https://maps.googleapis.com/maps/api/geocode/json?key=key&latlng=28.5495,77.2679
Required parameters in a reverse Geocoding request: 1: Lat 2: Lng 3: License Key (part of URL)	Required parameters in a reverse Geocoding request: 1: Lat, Lng 2: License Key
Finding the full formatted address in the response: ... <pre>"formatted_address": "68, Okhla Industrial Estate Phase 3, New Delhi, Delhi. 8 m from Unicommerce eSolutions Pvt Ltd pin-110020 (India)"</pre> ... The same parameter name is used to denote full human readable address in MapmyIndia. It can be found within the "results" object.	Finding the full formatted address: ... <pre>"formatted_address": "68, LGF, Okhla Phase 3, New Delhi, Delhi 110020, India"</pre> ...
Finding Postal code in the response: ... <pre>"pincode": "110020"</pre> ... The Postal codes or PIN codes are represented by the "pincode" parameter in the 'results' object.	Finding PIN code in the response: ... <pre>{ "long_name": "110020", "short_name": "110020", "types": ["postal_code"] }</pre> ...

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<p>Getting Location geometry from the response:</p> <p>...</p> <pre>"lat": "28.5495", "lng": "77.2679",</pre> <p>...</p> <p>The latitude and longitude can be fetched from "lat" & "lng" parameter respectively from the 'results' object.</p>	<p>Getting Location geometry from the response:</p> <p>...</p> <pre>"geometry": { "location": { "lat": 28.5494976, "lng": 77.26788639999999 },</pre> <p>...</p>
<p>Documentation link:</p> <p>https://www.mapmyindia.com/api/advanced-maps/doc/reverse-geocoding-api</p>	<p>Documentation link:</p> <p>https://developers.google.com/maps/documentation/geocoding/intro#ReverseGeocoding</p>

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Sample Response:

```
{
  "responseCode": 200,
  "version": "191.17",
  "results": [
    {
      "houseNumber": "68",
      "houseName": "",
      "poi": "Unicommerce eSolutions Pvt Ltd",
      "poi_dist": "8",
      "street": "",
      "street_dist": "",
      "subSubLocality": "",
      "subLocality": "",
      "locality": "Okhla Industrial Estate Phase 3",
      "village": "",
      "district": "South East Delhi District",
      "subDistrict": "Kalkaji",
      "city": "New Delhi",
      "state": "Delhi",
      "pincode": "110020",
      "lat": "28.5495",
      "lng": "77.2679",
      "area": "India",
      "formatted_address": "68, Okhla Industrial Estate Phase
3, New Delhi, Delhi. 8 m from Unicommerce eSolutions Pvt Ltd pin-
110020 (India)"
    }
  ]
}
```

Sample Response:

```
{
  "plus_code": {
    "compound_code": "G7X9+Q5 Delhi, India",
    "global_code": "7JWVG7X9+Q5"
  },
  "results": [
    {
      "address_components": [
        {
          "long_name": "New Delhi",
          "short_name": "New Delhi",
          "types": [
            "locality",
            "political"
          ]
        },
        {
          "long_name": "Delhi",
          "short_name": "DL",
          "types": [
            "administrative_area_level_1",
            "political"
          ]
        },
        {
          "long_name": "India",
          "short_name": "IN",
          "types": [
            "country",
            "political"
          ]
        }
      ]
    }
  ]
}
```

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```
    },
    {
      "long_name": "110020",
      "short_name": "110020",
      "types": [
        "postal_code"
      ]
    }
  ],
  "formatted_address": "68, LGF, Okhla Phase 3, New Delhi, Delhi 110020, India",
  "geometry": {
    "location": {
      "lat": 28.5494976,
      "lng": 77.26788639999999
    },
    "location_type": "GEOMETRIC_CENTER",
    "viewport": {
      "northeast": {
        "lat": 28.5508465802915,
        "lng": 77.26923538029151
      },
      "southwest": {
        "lat": 28.5481486197085,
        "lng": 77.26653741970848
      }
    }
  }
},
"place_id": "ChIJVToKOP3jDDkRY6ZDPSJW4xo",
"plus_code": {
  "compound_code": "G7X9+Q5 Delhi, India",
  "global_code": "7JWVG7X9+Q5"
```

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```
    },  
    "types": [  
      "establishment",  
      "finance",  
      "point_of_interest"  
    ]  
  }  
  ...  
}
```