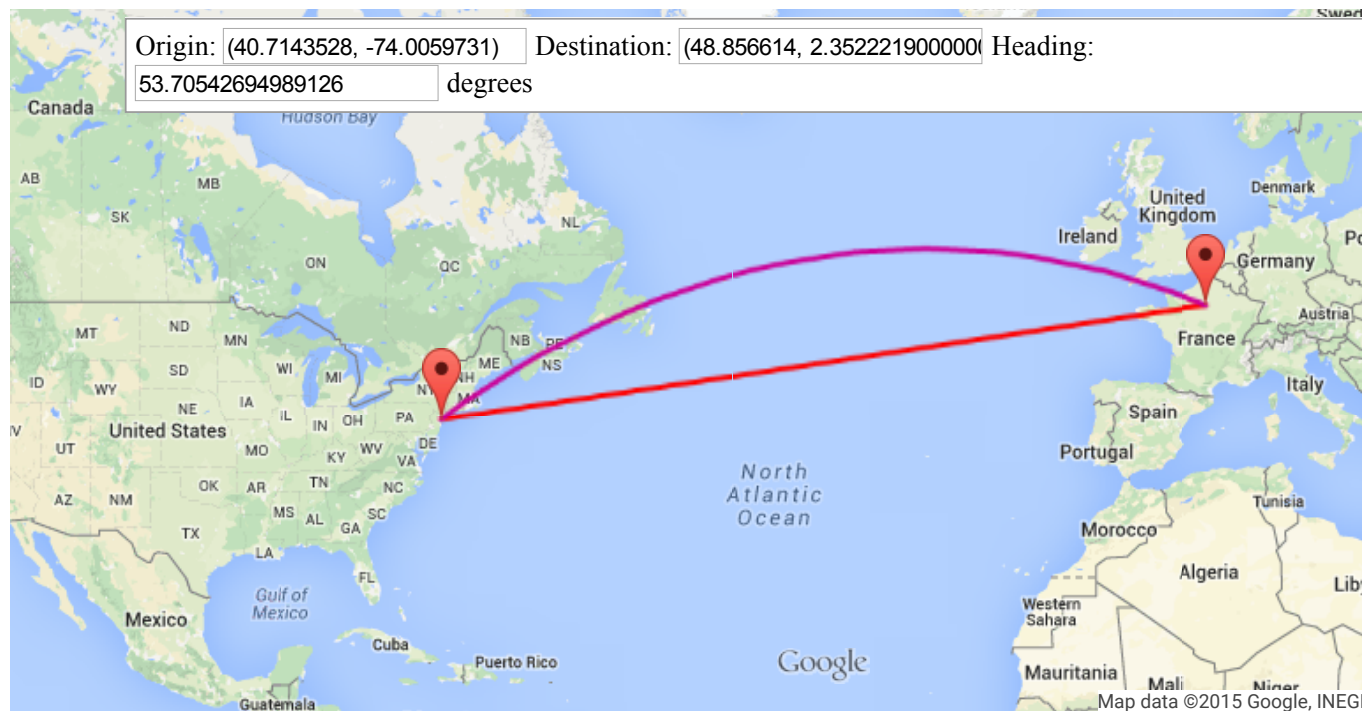


Navigation functions (heading)



View this example [full screen](#).

JavaScript

JavaScript + HTML

```
var poly;
var geodesicPoly;
var marker1;
var marker2;

function initialize() {
  var mapOptions = {
    zoom: 4,
    center: new google.maps.LatLng(34, -40.605)
  };

  var map = new google.maps.Map(document.getElementById('map-canvas'),
    mapOptions);

  map.controls[google.maps.ControlPosition.TOP_CENTER].push(
    document.getElementById('info'));

  marker1 = new google.maps.Marker({
    map: map,
```

```
draggable: true,
position: new google.maps.LatLng(40.71435280, -74.0059731)
});

marker2 = new google.maps.Marker({
  map: map,
  draggable: true,
  position: new google.maps.LatLng(48.8566140, 2.35222190)
});

var bounds = new google.maps.LatLngBounds(marker1.getPosition(),
  marker2.getPosition());
map.fitBounds(bounds);

google.maps.event.addListener(marker1, 'position_changed', update);
google.maps.event.addListener(marker2, 'position_changed', update);

var polyOptions = {
  strokeColor: 'FF0000',
  strokeOpacity: 1.0,
  strokeWeight: 3,
  map: map,
};
poly = new google.maps.Polyline(polyOptions);

var geodesicOptions = {
  strokeColor: 'CC0099',
  strokeOpacity: 1.0,
  strokeWeight: 3,
  geodesic: true,
  map: map
};
geodesicPoly = new google.maps.Polyline(geodesicOptions);

update();
}

function update() {
  var path = [marker1.getPosition(), marker2.getPosition()];
  poly.setPath(path);
  geodesicPoly.setPath(path);
  var heading = google.maps.geometry.spherical.computeHeading(path[0],
    path[1]);
  document.getElementById('heading').value = heading;
  document.getElementById('origin').value = path[0].toString();
  document.getElementById('destination').value = path[1].toString();
}

google.maps.event.addDomListener(window, 'load', initialize);
```

Except as otherwise noted, the content of this page is licensed under the [Creative Commons Attribution 3.0 License](#), and code samples are licensed under the [Apache 2.0 License](#). For details, see our [Site Policies](#).