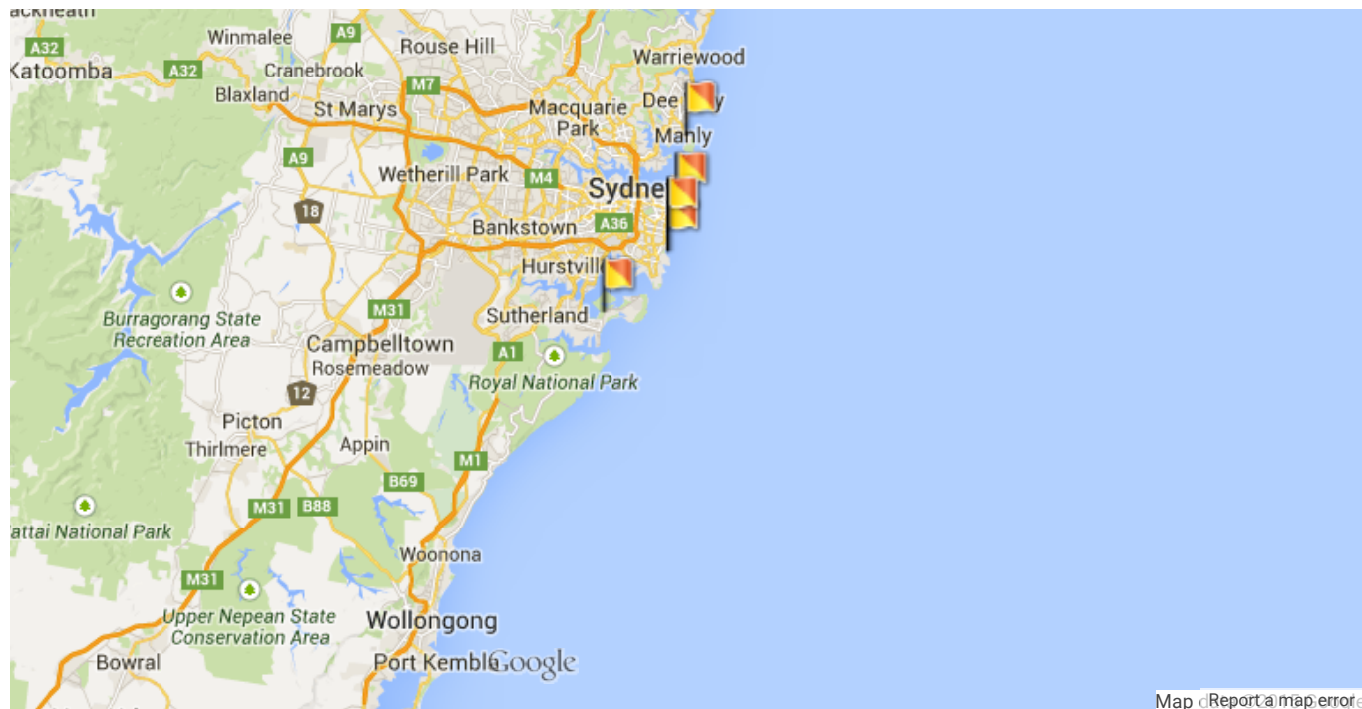


# Complex icons



View this example [full screen](#).

JavaScript

JavaScript + HTML

```
// The following example creates complex markers to indicate beaches near  
// Sydney, NSW, Australia. Note that the anchor is set to  
// (0,32) to correspond to the base of the flagpole.
```

```
function initialize() {  
  var mapOptions = {  
    zoom: 10,  
    center: new google.maps.LatLng(-33.9, 151.2)  
  }  
  var map = new google.maps.Map(document.getElementById('map-canvas'),  
    mapOptions);
```

```
  setMarkers(map, beaches);  
}
```

```
/**  
 * Data for the markers consisting of a name, a LatLng and a zIndex for  
 * the order in which these markers should display on top of each  
 * other.  
 */
```

```

var beaches = [
  ['Bondi Beach', -33.890542, 151.274856, 4],
  ['Coogee Beach', -33.923036, 151.259052, 5],
  ['Cronulla Beach', -34.028249, 151.157507, 3],
  ['Manly Beach', -33.80010128657071, 151.28747820854187, 2],
  ['Maroubra Beach', -33.950198, 151.259302, 1]
];

function setMarkers(map, locations) {
  // Add markers to the map

  // Marker sizes are expressed as a Size of X,Y
  // where the origin of the image (0,0) is located
  // in the top left of the image.

  // Origins, anchor positions and coordinates of the marker
  // increase in the X direction to the right and in
  // the Y direction down.
  var image = {
    url: 'images/beachflag.png',
    // This marker is 20 pixels wide by 32 pixels tall.
    size: new google.maps.Size(20, 32),
    // The origin for this image is 0,0.
    origin: new google.maps.Point(0,0),
    // The anchor for this image is the base of the flagpole at 0,32.
    anchor: new google.maps.Point(0, 32)
  };
  // Shapes define the clickable region of the icon.
  // The type defines an HTML <area> element 'poly' which
  // traces out a polygon as a series of X,Y points. The final
  // coordinate closes the poly by connecting to the first
  // coordinate.
  var shape = {
    coords: [1, 1, 1, 20, 18, 20, 18, 1],
    type: 'poly'
  };
  for (var i = 0; i < locations.length; i++) {
    var beach = locations[i];
    var myLatLng = new google.maps.LatLng(beach[1], beach[2]);
    var marker = new google.maps.Marker({
      position: myLatLng,
      map: map,
      icon: image,
      shape: shape,
      title: beach[0],
      zIndex: beach[3]
    });
  }
}

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

```

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