

The Google logo is displayed in its characteristic multi-colored font. The letters are: 'G' (blue), 'o' (red), 'o' (yellow), 'g' (blue), 'l' (green), and 'e' (red).

**ТО, ЧТО НАМ  
НУЖНО**

# Продукты, которые мы рассмотрим

## [Официальный сайт](#)

Продукты, которые мы рассмотрим

1) Google Fonts-[Сервис Google Fonts](#)

2) Навигация используя HTML5 и google maps

3) Google Charts-[Сервис Google Chart](#)

# Добавление шрифтов

651 font families shown

Word **Sentence** Paragraph Poster

Preview Text:  Size: **28 px** Sorting: **Popularity**

**Filters:**

All categories

Thickness

Slant

Width

**Script:**

Latin

Reset all filters/search

**Styles:**

Show all styles

Сюда мы можем ввести текст для предварительного просмотра

- Normal 400  
**Tralex**  
Open Sans, 10 Styles by [Steve Matteson](#)
- Normal 400  
**Tralex**  
Roboto, 12 Styles by [Christian Robertson](#)
- Normal 400  
**Tralex**  
Oswald, 3 Styles by [Vernon Adams](#)
- Normal 400  
**Tralex**  
Lato, 10 Styles by [Lukasz Dziedzic](#)

Collection (0 font families)

Choose Review Use

# Вставка шрифтов

1)Скопируйте `<link rel="stylesheet" type="text/css" href="http://fonts.googleapis.com/css?family=Tangerine">` в тег `<head>`

2)A font-family: 'Tangerine', serif; добавьте в тег `<style>`

[Пример1](#)

[Пример2](#)

Standard @import Javascript

3. Add this code to your website:

```
<link href='http://fonts.googleapis.com/css?family=Open+Sans' rel='stylesheet' type='text/css'>
```

**Instructions:** To embed your Collection into your web page, copy the code as the first element in the `<head>` of your HTML document.

» [See an example](#)

4. Integrate the fonts into your CSS:

The Google Fonts API will generate the necessary browser-specific CSS to use the fonts. All you need to do is add the font name to your CSS styles. For example:

```
font-family: 'Open Sans', sans-serif;
```

**Instructions:** Add the font name to your CSS styles just as you'd do normally with any other font.

**Example:**

```
h1 { font-family: 'Metropolis',  
      Arial, serif; font-weight: 400;  
}
```

# Навигация используя HTML5 и google maps

## GEOLOCATION API SUPPORT

IE	FIREFOX	SAFARI	CHROME	OPERA	IPHONE	ANDROID
9.0+	3.5+	5.0+	5.0+	10.6+	3.0+	2.0+

Геолокация осуществляется объектом **navigator**

```
if(navigator.geolocation) {  
  navigator.geolocation.getCurrentPosition(function(position) {  
    var latitude = position.coords.latitude;  
    var longitude = position.coords.longitude;  
    alert(latitude+' '+longitude);  
  });  
} else {  
  alert("Geolocation API не поддерживается в вашем браузере");  
}
```

[Пример1](#)

[Пример2](#)

Google Charts-[Сервис Google Chart](#)

```
<script type="text/javascript">
  google.load("visualization", "1", {packages:["corechart"]});
  google.setOnLoadCallback(drawChart);
  function drawChart() {
    var data = google.visualization.arrayToDataTable([
      ['Год', 'Продажи', 'Выручка'],
      ['2004', 1000, 400],
      ['2005', 1170, 460],
      ['2006', 660, 1120],
      ['2007', 1030, 540]
    ]);
    var options = {
      title: 'Выручка компании',
      vAxis: {title: 'Год', titleTextStyle: {color: 'red'}}
    };
    var chart = new google.visualization.BarChart(document.getElementById('chart_div'));
    chart.draw(data, options);
  }
</script>
```

# Bar chart

[Пример](#)

```
<script type='text/javascript' src="https://www.google.com/jsapi"></script>
<div id="regions_div" style="width: 900px; height: 500px;"></div>
<script type="text/javascript">
google.load('visualization', '1', {'packages': ['geochart']});
    google.setOnLoadCallback(drawRegionsMap);
function drawRegionsMap() {
    var data = google.visualization.arrayToDataTable([
        ['Country', 'Popularity'],
        ['Южная Америка', 600],
        ['Канада', 500],
        ['Франция', 600],
        ['США', 550],
        ['Китай', 950],
        ['Монголия', 550],
        ['Россия', 700],
        ['Австралия', 600]
    ]);
    var options = { displayMode: 'text' };
    var chart = new google.visualization.GeoChart(document.getElementById
('regions_div'));
    chart.draw(data, options);</script>
```

# ChartMap

[Пример](#)



```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
  <script type="text/javascript">
    google.load("visualization", "1", {packages:["corechart"]});
google.setOnLoadCallback(drawChart);
function drawChart() {
  var data = google.visualization.arrayToDataTable([
    ['Год', 'Продажи', 'Выручка'],
    ['2004', 1000, 400],
    ['2005', 1170, 460],
    ['2006', 660, 1120],
    ['2007', 1030, 540]
  ]);
  var options = {
    title: 'Выручка компании',
    hAxis: {title: 'Год', titleTextStyle: {color: 'red'}}
  };
  var chart = new google.visualization.ColumnChart(document.getElementById
('chart_div'));
  chart.draw(data, options);
}</script>
```

# Column chart

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
  <script type="text/javascript">
    google.load("visualization", "1", {packages:["corechart"]});
    google.setOnLoadCallback(drawChart);
    function drawChart() {
      var data = google.visualization.arrayToDataTable([
        ['Год', 'Продажи', 'Выручка'],
        ['2004', 1000, 400],
        ['2005', 1170, 460],
        ['2006', 660, 1120],
        ['2007', 1030, 540]
      ]);
      var options = {
        title: 'Выручка компании'
      };
      var chart = new google.visualization.LineChart(document.getElementById
('chart_div'));chart.draw(data, options);
    }
  </script>
```

# linechart

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
  <script type="text/javascript">
    google.load("visualization", "1", {packages:
["map"]});
    google.setOnLoadCallback(drawChart);
    function drawChart() {
      var data = google.visualization.arrayToDataTable([
        ['Lat', 'Long', 'Name'],
        [55.8617, 37.4201, 'Дом'],
        [55.8590, 37.4157, 'РХТУ'],
        [55.8587, 37.4240, 'Пятерочка'],
        [55.8618, 37.4362, 'Метро "Планерная"']
      ]);
      var map = new google.visualization.Map
(document.getElementById('map_div'));
      map.draw(data, {showTip: true});
    }
  </script>
```

# map

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
```

```
  <script type="text/javascript">
```

```
    google.load("visualization", "1", {packages:["orgchart"]});
```

```
    google.setOnLoadCallback(drawChart);
```

```
    function drawChart() {
```

```
      var data = new google.visualization.DataTable();
```

```
      data.addColumn('string', 'Name');
```

```
      data.addColumn('string', 'people');
```

```
      data.addColumn('string', 'ToolTip');
```

```
      data.addRows([
```

```
        [{v:'Бог', f:'Бог<div style="color:red; font-style:italic">Самый  
главный</div>', ", 'Самый главный'],
```

```
        ['Адам и Ева', 'Бог', 'Первые люди'],
```

```
        ['Кайн', 'Адам и Ева', ""],
```

```
        ['Авель', 'Адам и Ева', ""],
```

```
        ['Сиф', 'Адам и Ева', ""
```

```
      ]);
```

```
      var chart = new google.visualization.OrgChart(document.  
getElementById('chart_div'));
```

```
      chart.draw(data, {allowHtml:true}); } </script>
```

# ORG CHART

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
<script type="text/javascript">
google.load("visualization", "1", {packages:["corechart"]});
google.setOnLoadCallback(drawChart);
function drawChart() {
var data = google.visualization.arrayToDataTable([
['Task', 'Hours per Day'],
['Работа',      11],
['Кушаю',      2],
['Общаюсь', 2],
['Смотрю телевизор', 2],
['Сплю', 7]
]);
var options = {
title: 'Мой день'
};
var chart = new google.visualization.PieChart(document.getElementById
('piechart'));
chart.draw(data, options);
}
</script>
```

# PIE2D

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
```

```
  <script type="text/javascript">
```

```
  google.load("visualization", "1", {packages:["corechart"]});
```

```
  google.setOnLoadCallback(drawChart);
```

```
  function drawChart() {
```

```
    var data = google.visualization.arrayToDataTable([
```

```
    ['Task', 'Hours per Day'],
```

```
    ['Работа',      11],
```

```
    ['Кушаю',      2],
```

```
    ['Общаюсь', 2],
```

```
    ['Смотрю телевизор', 2],
```

```
    ['Сплю',7]
```

```
  ]);
```

```
  var options = {
```

```
  title: 'Мой день',
```

```
  is3D: true,
```

```
  };
```

```
  var chart = new google.visualization.PieChart(document.  
getElementById('piechart_3d'));chart.draw(data, options);
```

```
</script>
```

# PIE3D

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
<script type="text/javascript">
  google.load("visualization", "1", {packages:["corechart"]});
  google.setOnLoadCallback(drawChart);
  function drawChart() {
    var data = google.visualization.arrayToDataTable([
      ['Популяция', 'Время'],
      [ 8,      12],
      [ 4,      5.5],
      [ 11,    14],
    ]);
    var options = {
      title: 'Численность животных',
      hAxis: {title: 'Время', minValue: 0, maxValue: 15},
      vAxis: {title: 'Популяция', minValue: 0, maxValue: 15},
      legend: 'none' };
    var chart = new google.visualization.ScatterChart(document.
getElementById('chart_div'));
    chart.draw(data, options);
  }
</script>
```

# SCATTER CHART

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi?autoload={modules:
[{'name':'visualization',
    'version':'1','packages':['timeline']}]}"></script>
<script type="text/javascript">
google.setOnLoadCallback(drawChart);
function drawChart() {
    var container = document.getElementById('example5.3');
    var chart = new google.visualization.Timeline(container);
    var dataTable = new google.visualization.DataTable();
    dataTable.addColumn({ type: 'string', id: 'Day' });
    dataTable.addColumn({ type: 'string', id: 'Name' });
    dataTable.addColumn({ type: 'date', id: 'Start' });
    dataTable.addColumn({ type: 'date', id: 'End' });
    dataTable.addRows([
        [ 'Мой день', 'Подъем',    new Date(0,0,0,7,30,0), new Date(0,0,0,8,30,0) ],
        [ 'Мой день', 'Учеба',     new Date(0,0,0,9,30,0), new Date(0,0,0,12,0,0) ],
        [ 'Мой день', 'Обед',      new Date(0,0,0,12,30,0), new Date(0,0,0,14,0,0) ],
        [ 'Мой день', 'Работа',new Date(0,0,0,14,30,0), new Date(0,0,0,18,30,0) ]]);
    var options = {
        timeline: { colorByRowLabel: true },
        backgroundColor: '#ffd'
    };
    chart.draw(dataTable, options);
} </script>
```

# TIMELINE

[Пример](#)



```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
<script type="text/javascript">
google.load("visualization", "1", {packages:["treemap"]});
google.setOnLoadCallback(drawChart);
function drawChart() {
var data = google.visualization.arrayToDataTable([
['Location', 'Parent', 'Market trade volume (size)', 'Market increase/decrease (color)'],
['Global', null, 0, 0],
['America', 'Global', 0, 0],
['Europe', 'Global', 0, 0],
['Asia', 'Global', 0, 0],
['Sudan', 'Africa', 12, 2],
['Congo', 'Africa', 10, 12],
['Zaire', 'Africa', 8, 10]
]);
tree = new google.visualization.TreeMap(document.getElementById('chart_div'));
tree.draw(data, {
minColor: '#f00',
midColor: '#ddd',
maxColor: '#0d0',
headerHeight: 15,
fontColor: 'black',
showScale: true
}); } </script>
```

# treemap

[Пример](#)

# wordtree

[Пример](#)

```
<script type="text/javascript" src="https://www.google.com/jsapi"></script>
<script type="text/javascript">
  google.load("visualization", "1.1", {packages:["wordtree"]});
  google.setOnLoadCallback(drawChart);
  function drawChart() {
    var data = google.visualization.arrayToDataTable(
      [ ['Phrases'],
        ['Кошки лучше собак'],
        ['Кошки кушают мясо'],
        ['Кошки лучше чем хомячки ' ]
      ]
    );

    var options = {
      wordtree: {
        format: 'implicit',
        word: 'Кошки'
      }
    };

    var chart = new google.visualization.WordTree(document.getElementById
('wordtree_basic'));
    chart.draw(data, options);
  }
</script>
```