

# Google Fonts

Nutzung von Google Fonts in Websites

# Zur Person

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# Google Fonts in der Praxis

- Seit 2010 weltweit ca. 58 Mio Websites
- Derzeit 1442 Schriftfamilien abrufbar
- Einfache Nutzung
  - a) dynamisch über „Schnittstelle“ –  
z.B. URL: [fonts.googleapis.com](https://fonts.googleapis.com)
  - b) lokale Einbindung

# Google Server - Einbindung

```
<html>
<head>
  <meta charset="utf-8">
  <link rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Roboto">
</style>
  body {
    font-family: 'Roboto', serif;
    font-size: 18px;
  }
</style>
</head>
<body>
  <div>Making the web beautiful!</div>
</body>
</html>
```

# Google Fonts Einbindung / CSS

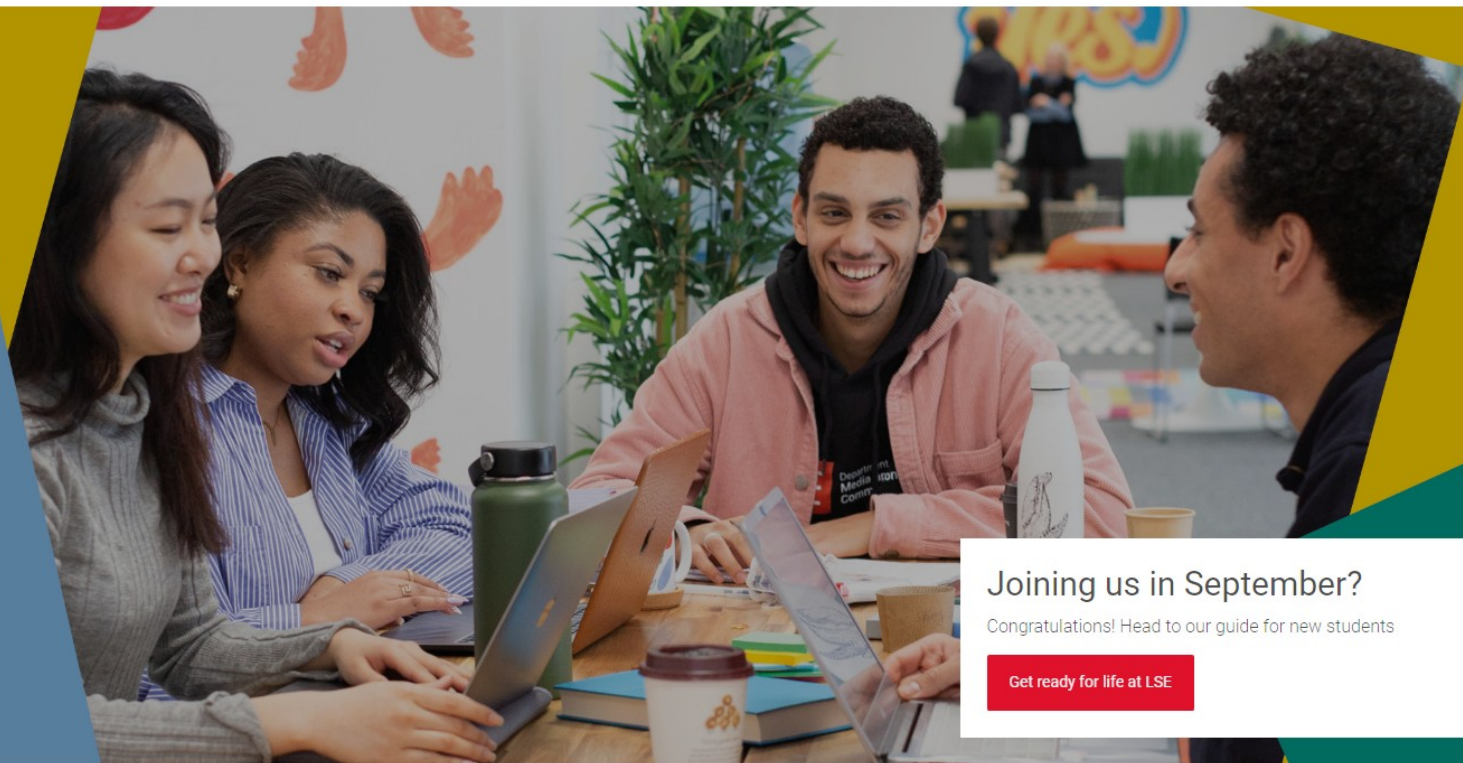
z.B. Einbindung über Stylesheets (CSS-Datei)

....

```
@import url('https://fonts.googleapis.com/css?family=Muli&display=swap');  
@import url('https://fonts.googleapis.com/css?family=Quicksand&display=swap');
```

```
body {  
  font-family: 'Muli', sans-serif;  
  color: rgba(0, 0, 0, 0.8);  
  font-weight: 400;  
  line-height: 1.58;  
  letter-spacing: -.003em;  
  font-size: 20px;  
  padding: 70px;  
}
```

.....



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Search programmes

Go

```
33
34
35
36 <meta name="GENERATOR" content="Contensis CMS Version 15.2" />
37 <meta name="Description" content="LSE is a social science specialist university, with a global community in the heart of London and a commitment to shape the world." />
38 <meta name="Keywords" content="London School of Economics, LSE, social sciences, political sciences, economic sciences, undergraduate degree courses, postgraduate degree courses, research, public events" />
39
40
41 <link href="/site-elements/css/temp.css?version=1276" rel="stylesheet" type="text/css" />
42 <link href="/site-elements/css/lse.css?version=362659" rel="stylesheet" type="text/css" />
43 <script type="text/javascript" src="/WebResource.axd?d=PjUm9HYttFaBv1w8LgD13UIzsrcgJRH1H1KVA:F2AGe1ZAQn_RB8gID-OpipawIamHu-r6UwDtePXpIVa2V6pnJ_gcl_OhkiR9Wkx95QFlfvzBD0&amp;t=637866612065873148&build=152187"></script>
44
45 <script type="text/javascript">
46 //
47
48 if (typeof(window.$j) == 'undefined') { window.$j = $; }
49 window.$j.register = function(name) {if (!this._components){this._components = {}}; this._components[name] = true;};
50 window.$j.isRegistered = function(name) { if (!this._components) { return false; } return !!this._components[name]; };
51 window.$j.requires = function(name) { if (!this.isRegistered(name)) { alert('jQuery Extension " " + name + " not registered'); }};
52 if (typeof(jQuery.fn.setArray) == 'undefined') { jQuery.fn.setArray = function( elems ) { this.length = 0; jQuery.fn.push.apply(this, elems); return this; }};
53 //]]&gt;
54 &lt;/script&gt;
55 &lt;meta property='og:title' content='LSE Home'&gt;
56 &lt;meta property='og:description' content='LSE is a social science specialist university, with a global community in the heart of London and a commitment to shape the world.'&gt;
57 &lt;meta property='og:image' content='https://www.lse.ac.uk/lse-information/assets/images/banners/LSE-logo-and-signage-on-building.jpg '&gt;
58 &lt;meta property='og:url' content='https://www.lse.ac.uk/Home.aspx'&gt;
59 &lt;meta property='og:site_name' content='London School of Economics and Political Science'&gt;
60 &lt;meta property='og:type' content='Article'&gt;
61 &lt;meta property='twitter:card' content='summary_large_image'&gt;
62 &lt;meta property='twitter:title' content='LSE Home'&gt;
63 &lt;meta property='twitter:description' content='LSE is a social science specialist university, with a global community in the heart of London and a commitment to shape the world.'&gt;
64 &lt;meta property='twitter:url' content='https://www.lse.ac.uk/Home.aspx'&gt;
65 &lt;meta property='twitter:image' content='https://www.lse.ac.uk/lse-information/assets/images/banners/LSE-logo-and-signage-on-building.jpg '&gt;
66 &lt;!--
67 ControlID:Ctrl4958f988c2a44bc39a2b9f8e9a805d9c of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
68 ControlID:Ctrl19b6d92cbff074ce4ad2cc2eebf03785 of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
69 ControlID:Ctrl09bea9b8b1c3469dbe4e262fa01610c0 of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
70 ControlID:Page of type ASP.home.aspx has set the maximum duration to 3600 seconds
71 Cache Enabled using rule ControlID:Ctrl4958f988c2a44bc39a2b9f8e9a805d9c of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
72 Cache Page Render Time 04/09/2022 20:33:26
73
74 --&gt;&lt;meta http-equiv="X-UA-Compatible" content="IE=edge" /&gt;&lt;meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1" /&gt;&lt;meta name="mobile-web-app-capable" content="yes" /&gt;&lt;meta name="application-name" content="LSE" /&gt;&lt;meta
75 name="apple-mobile-web-app-capable" content="yes" /&gt;&lt;meta name="apple-mobile-web-app-title" content="LSE" /&gt;&lt;meta name="msapplication-TileImage" content="/site-elements/img/shortcut-icon.png" /&gt;&lt;meta name="msapplication-TileColor" content="#e30520" /&gt;&lt;meta
76 name="author" content="London School of Economics and Political Science" /&gt;&lt;link rel="icon" sizes="192x192" href="/site-elements/img/touch-icon.png" /&gt;&lt;link rel="apple-touch-icon" href="/site-elements/img/shortcut-icon.png" /&gt;&lt;link rel="shortcut icon"
77 href="/site-elements/img/favicon.png" /&gt;
78
79 &lt;!-- FONTS --&gt;
80 &lt;link href="https://fonts.googleapis.com/css?family=Roboto:200,200italic,300,300italic,400,400italic,500,500italic,700,700italic" rel="stylesheet" type="text/css" /&gt;&lt;link href="https://fonts.googleapis.com/css?
81 family=Libre+Baskerville:400,400italic,700,700italic" rel="stylesheet" type="text/css" /&gt;
82
83 &lt;!-- SCRIPTS --&gt;
84 &lt;script src="/site-elements/js/vendor/modernizr.js"&gt;&lt;/script&gt;
85 &lt;script src="/site-elements/js/vendor/respond.js"&gt;&lt;/script&gt;
86 &lt;/head&gt;
87
88 &lt;body class="homepage"&gt;</pre></div>
```

# Website mit Google Fonts ?

- A) Prüfung, ob Google Fonts eingesetzt werden: Kontrolle im „Source Code“ oder mit „Font Checker“
- B) Prüfung, ob Content Management System (CMS) eingesetzt wird (z.B. Wordpress, Typo3, Joomla, Drupal, Contao, etc.)
- C) Prüfung einzelner HTML-Seiten
- D) Online-Website-Baukasten



# Website mit Google Fonts ?

- A) Prüfung, ob Google Fonts eingesetzt werden: Kontrolle im „Source Code“
- Internet Browser (Chrome, Firefox, Edge, Opera, etc.) - Seite aufrufen & Anzeige des Quellcodes (z.B. „Seitenquelltext anzeigen“ im Chrome) oder Einsatz „Font Checker“

# Website mit Google Fonts ?

- B) Prüfung, ob Content Management System (CMS) eingesetzt wird (z.B. Wordpress, Typo3, Joomla, Drupal, Contao, etc.)
- Vorlagen („Templates“) prüfen
- Module / Plugins regelmäßig prüfen

# Website mit Google Fonts ?

- C) Prüfung einzelner HTML-Seiten
- Einzelne HTML-Dateien im Browser aufrufen und im „Quelltext“ kontrollieren

# Website mit Google Fonts ?

- D) Online-Website-Baukasten
- Wenn Sie „Homepage-Baukastensysteme“ verwenden, (z.B. Site123, Wordpress.com, GoDaddy, Squarespace, etc.) prüfen Sie bitte in Ihrem Benutzerkonto ggf. in den Systemeinstellungen, ob Sie Google Fonts nutzen.

# Mögliche Lösungen

- A) Google Fonts lokal einbinden:
  - Schriften herunterladen, am Webserver abspeichern und über HTML / CSS einbinden.
- B) Standardschriften verwenden

# Lokale Einbindung

## Schriften lokal herunterladen & am Webserver bereitstellen

```
/* roboto-regular - latin */
@font-face {
  font-family: 'Roboto';
  font-style: normal;
  font-weight: 400;
  src: url('../fonts/roboto-v30-latin-regular.eot'); /* IE9 Compat Modes */
  src: local(""),
      url('../fonts/roboto-v30-latin-regular.eot?#iefix') format('embedded-opentype'), /* IE6-IE8 */
      url('../fonts/roboto-v30-latin-regular.woff2') format('woff2'), /* Super Modern Browsers */
      url('../fonts/roboto-v30-latin-regular.woff') format('woff'), /* Modern Browsers */
      url('../fonts/roboto-v30-latin-regular.ttf') format('truetype'), /* Safari, Android, iOS */
      url('../fonts/roboto-v30-latin-regular.svg#Roboto') format('svg'); /* Legacy iOS */
}
```