Google Fonts

Nutzung von Google Fonts in Websites

Zur Person

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- Leitung AK Daten / FV UBIT WKO

- IT-Unternehmen mit Schwerpunkt Datenschutz, Rechtsinformation & Businessdaten

- Web- und Applikationsentwicklung im B2B

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
  b) lokale Einbindung

Google Server - Einbindung

```html
<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>
```
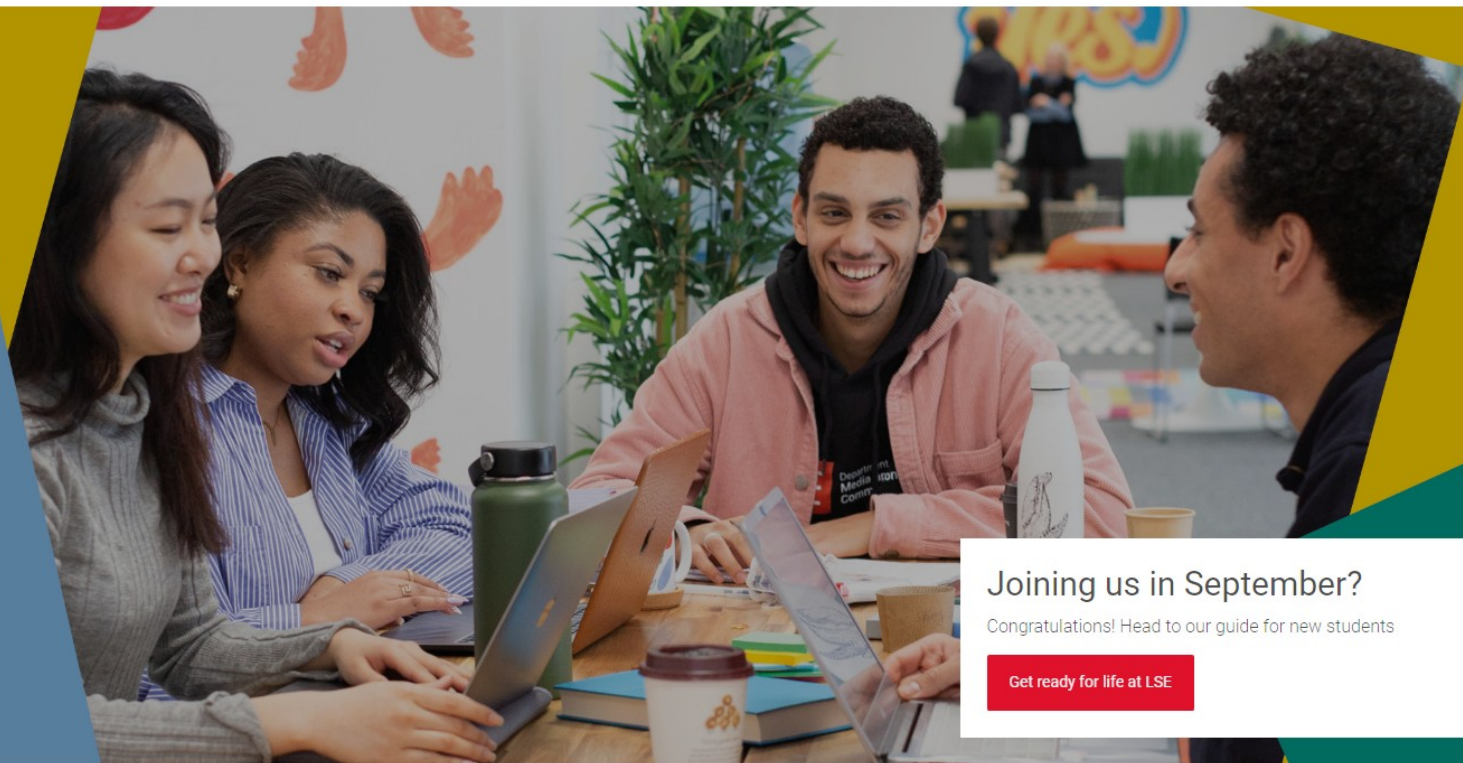
Google Fonts Einbindung / CSS

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;
}
```

…..

Joining us in September?

Congratulations! Head to our guide for new students

Get ready for life at LSE

Search programmes   **Go**

```html
    <meta name="GENERATOR" content="Contensis CMS Version 15.2" />
<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." />
<meta name="Keywords" content="London School of Economics, LSE, social sciences, political sciences, economic sciences, undergraduate degree courses, postgraduate degree courses, research, public events" />

<link href="/site-elements/css/temp.css?version=1276" rel="stylesheet" type="text/css" />
<link href="/site-elements/css/lse.css?version=362659" rel="stylesheet" type="text/css" />
        <script  type="text/javascript" src="/WebResource.axd?d=PjUm9HYMtFaBv1w8LgD13UIzsrcgJRMlHl1KVAzF2AgEiZAQn_RB8q1D-OpipawIamHu-r6UwDtePXpIVa2V6pnJ_gcL_OhkiR9WkXq50FLfVzbD0&amp;t=637866612065873148&amp;build=152187"></script>

<script type="text/javascript">
//<![CDATA[

if (typeof(window.$j) == 'undefined') { window.$j = $; }
window.$j.register = function(name) {if (!this._components){this._components = {};} this._components[name] = true;};
window.$j.isRegistered = function(name) { if (!this._components) { return false; } return !!(this._components[name]); };
window.$j.requires = function(name) { if (!this.isRegistered(name)) { alert('JQuery Extension " ' + name + '" not registered'); }};
if (typeof(jQuery.fn.setArray) == 'undefined') { jQuery.fn.setArray = function( elems ) { this.length = 0; jQuery.fn.push.apply(this, elems); return this; }};
//]]>
</script>
<meta property='og:title' content='LSE Home'>
<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.'>
<meta property='og:image' content='https://www.lse.ac.uk/lse-information/assets/images/banners/LSE-logo-and-signage-on-building.jpg '>
<meta property='og:url' content='https://www.lse.ac.uk/Home.aspx'>
<meta property='og:site_name' content='London School of Economics and Political Science'>
<meta property='og:type' content='Article'>
<meta property='twitter:card' content='summary_large_image'>
<meta property='twitter:title' content='LSE Home'>
<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.'>
<meta property='twitter:url' content='https://www.lse.ac.uk/Home.aspx'>
<meta property='twitter:image' content='https://www.lse.ac.uk/lse-information/assets/images/banners/LSE-logo-and-signage-on-building.jpg '>
<!--
ControlID:Ctrl4958f988c2a44bc39a2b9f8e9a805d9c of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
ControlID:Ctrl19b6d92cbff074ce4ad2cc2eebef03785 of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
ControlID:Ctrl09bea9b8b1c3469dbe4e262fa01610c0 of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
ControlID:__Page of type ASP.home_aspx has set the maximum duration to 3600 seconds
Cache Enabled using rule ControlID:Ctrl4958f988c2a44bc39a2b9f8e9a805d9c of type CMS_API.WebUI.WebControls.RazorView has set the maximum duration to 3600 seconds
Cache Page Render Time 04/09/2022 20:33:26

--><meta http-equiv="X-UA-Compatible" content="IE=edge" /><meta name="viewport" content="width=device-width, initial-scale=1, minimum-scale=1" /><meta name="mobile-web-app-capable" content="yes" /><meta name="application-name" content="LSE" /><meta name="apple-mobile-web-app-capable" content="yes" /><meta name="apple-mobile-web-app-title" content="LSE" /><meta name="msapplication-TileImage" content="/site-elements/img/shortcut-icon.png" /><meta name="msapplication-TileColor" content="#e30520" /><meta name="author" content="London School of Economics and Political Science" /><link rel="icon" sizes="192x192" href="/site-elements/img/touch-icon.png" /><link rel="apple-touch-icon" href="/site-elements/img/shortcut-icon.png" /><link rel="shortcut icon" href="/site-elements/img/favicon.png" />

    <!-- FONTS -->
    <link href="https://fonts.googleapis.com/css?family=Roboto:200,200italic,300,300italic,400,400italic,500,500italic,700,700italic" rel="stylesheet" type="text/css" /><link href="https://fonts.googleapis.com/css?family=Libre+Baskerville:400,400italic,700,700italic" rel="stylesheet" type="text/css" />

    <!-- SCRIPTS -->
    <script src="/site-elements/js/vendor/modernizr.js"></script>
    <script src="/site-elements/js/vendor/respond.js"></script>
</head>


<body class="homepage">
```

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 */
}
```