

# Bootstrap 字体图标(Glyphicons)

本章将讲解字体图标(Glyphicons)，并通过一些实例了解它的使用。Bootstrap 捆绑了 200 多种字体格式的字形。首先让我们先理解一下什么是字体图标。

## 什么是字体图标？

字体图标是在 Web 项目中使用的图标字体。虽然，[Glyphicons Halflings](#) 需要商业许可，但是您可以通过基于项目的 Bootstrap 来免费使用这些图标。

为了表示对图标作者的感谢，希望您在使用时加上 GLYPHICONS 网站的链接。

## 获取字体图标

我们已经在 [环境安装](#) 章节下载了 Bootstrap 3.x 版本，并理解了它的目录结构。在 *fonts* 文件夹内可以找到字体图标，它包含了下列这些文件：

- *glyphicons-halflings-regular.eot*
- *glyphicons-halflings-regular.svg*
- *glyphicons-halflings-regular.ttf*
- *glyphicons-halflings-regular.woff*

相关的 CSS 规则写在 *dist* 文件夹内的 *css* 文件夹内的 *bootstrap.css* 和 *bootstrap-min.css* 文件上。

## 字体图标列表

[点击这里](#)，查看可用的字体图标列表。

## CSS 规则解释

下面的 CSS 规则构成 *glyphicon class*。

```
@font-face {
  font-family: 'Glyphicons Halflings';
  src: url('../fonts/glyphicons-halflings-regular.eot');
  src: url('../fonts/glyphicons-halflings-regular.eot?#iefix') format('embedded-opentype'), url(
    '../fonts/glyphicons-halflings-regular.woff') format('woff'), url('../fonts/glyphicons-halflings-regular.woff2') format('woff2'), url('../fonts/glyphicons-halflings-regular.ttf') format('truetype'), url('../fonts/glyphicons-halflings-regular.svg#glyphicons-halflingsregular') format('svg');
}
.glyphicon {
  position: relative;
  top: 1px;
  display: inline-block;
  font-family: 'Glyphicons Halflings';
  -webkit-font-smoothing: antialiased;
  font-style: normal;
```

```
font-weight: normal;
line-height: 1;
-moz-osx-font-smoothing: grayscale;
}
```

所以 font-face 规则实际上是在找到 glyphicons 地方声明 font-family 和位置。

.glyphicon class 声明一个从顶部偏移 1px 的相对位置，呈现为 inline-block，声明字体，规定 font-style 和 font-weight 为 normal，设置行高为 1。除此之外，使用 -webkit-font-smoothing: antialiased 和 -moz-osx-font-smoothing: grayscale; 获得跨浏览器的一致性。

然后，这里的

```
.glyphicon:empty {
  width: 1em;
}
```

是空的 glyphicon。

这里有 200 个 class，每个 class 针对一个图标。这些 class 的常见格式如下：

```
.glyphicon-keyword:before {
  content: "hexvalue";
}
```

比如，使用的 user 图标，它的 class 如下：

```
.glyphicon-user:before {
  content: "\e008";
}
```

## 用法

如需使用图标，只需要简单地使用下面的代码即可。请在图标和文本之间保留适当的空间。

```
<span class="glyphicon glyphicon-search"></span>
```

下面的实例演示了如何使用字体图标：

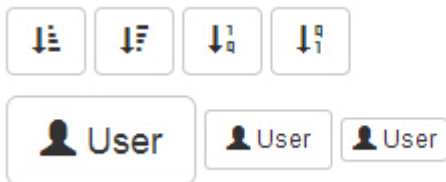
### 实例

```
<p>
<button type="button" class="btn btn-default">
<span class="glyphicon glyphicon-sort-by-attributes"></span>
</button>
<button type="button" class="btn btn-default">
<span class="glyphicon glyphicon-sort-by-attributes-alt"></span>
</button>
```

```
<button type="button" class="btn btn-default">
<span class="glyphicon glyphicon-sort-by-order"></span>
</button>
<button type="button" class="btn btn-default">
<span class="glyphicon glyphicon-sort-by-order-alt"></span>
</button>
</p>
<button type="button" class="btn btn-default btn-lg">
<span class="glyphicon glyphicon-user"></span> User
</button>
<button type="button" class="btn btn-default btn-sm">
<span class="glyphicon glyphicon-user"></span> User
</button>
<button type="button" class="btn btn-default btn-xs">
<span class="glyphicon glyphicon-user"></span> User
</button>
```

[尝试一下 »](#)

结果如下所示：



## 带有字体图标的导航栏

### 实例

```
<div class="navbar navbar-fixed-top navbar-inverse" role="navigation">
<div class="container">
<div class="navbar-header">
<button type="button" class="navbar-toggle" data-toggle="collapse" data-target=".navbar-collapse">
<span class="sr-only">Toggle navigation</span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
<span class="icon-bar"></span>
</button>
<a class="navbar-brand" href="#">Project name</a>
</div>
<div class="collapse navbar-collapse">
<ul class="nav navbar-nav">
<li class="active">
<a href="#">
<span class="glyphicon glyphicon-home">Home</span></a>
</li>
<li>
<a href="#shop">
<span class="glyphicon glyphicon-shopping-cart">Shop</span></a>
</li>
```

```
<li>
<a href="#support">
<span class="glyphicon glyphicon-headphones">Support</span></a>
</li>
</ul>
</div>
<!-- /.nav-collapse -->
</div>
<!-- /.container -->
</div>
<!-- jQuery (Bootstrap 插件需要引入) -->
<script src="http://cdn.static.runoob.com/libs/jquery/2.1.1/jquery.min.js"></script>
<!-- 包含了所有编译插件 -->
<script src="http://cdn.static.runoob.com/libs/bootstrap/3.3.7/js/bootstrap.min.js"></script>
```

[尝试一下 »](#)

## 定制字体图标

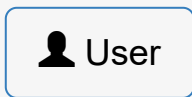
我们已经看到如何使用字体图标，接下来我们看看如何定制字体图标。

我们将以上面的实例开始，并通过改变字体尺寸、颜色和应用文本阴影来进行定制图标。

下面是开始的代码：

```
<button type="button" class="btn btn-primary btn-lg">
  <span class="glyphicon glyphicon-user"></span> User
</button>
```

效果如下所示：



## 定制字体尺寸

通过增加或减少图标的字体尺寸，您可以让图标看起来更大或更小。

```
<button type="button" class="btn btn-primary btn-lg" style="font-size: 60px">
  <span class="glyphicon glyphicon-user"></span> User
</button>
```



定制字体颜色

```
<button type="button" class="btn btn-primary btn-lg" style="color: rgb(212, 106, 64);">
  <span class="glyphicon glyphicon-user"></span> User
</button>
```



应用文本阴影

```
<button type="button" class="btn btn-primary btn-lg" style="text-shadow: black 5px 3px 3px;">
  <span class="glyphicon glyphicon-user"></span> User
</button>
```

























在线定制字体图标


















[点击这里，定制字体图标 »](#)

图标列表






















图标	类名	实例
*	glyphicon glyphicon-asterisk	<a href="#">尝试一下</a>
+	glyphicon glyphicon-plus	<a href="#">尝试一下</a>
-	glyphicon glyphicon-minus	<a href="#">尝试一下</a>























€	glyphicon glyphicon-euro	尝试一下
☁	glyphicon glyphicon-cloud	尝试一下
✉	glyphicon glyphicon-envelope	尝试一下
✎	glyphicon glyphicon-pencil	尝试一下
🍷	glyphicon glyphicon-glass	尝试一下
🎵	glyphicon glyphicon-music	尝试一下
🔍	glyphicon glyphicon-search	尝试一下
♥	glyphicon glyphicon-heart	尝试一下
★	glyphicon glyphicon-star	尝试一下
☆	glyphicon glyphicon-star-empty	尝试一下
👤	glyphicon glyphicon-user	尝试一下
🎬	glyphicon glyphicon-film	尝试一下
🏠	glyphicon glyphicon-th-large	尝试一下
🏡	glyphicon glyphicon-th	尝试一下
📋	glyphicon glyphicon-th-list	尝试一下
✓	glyphicon glyphicon-ok	尝试一下
✕	glyphicon glyphicon-remove	尝试一下
🔍	glyphicon glyphicon-zoom-in	尝试一下
🔍	glyphicon glyphicon-zoom-out	尝试一下
🔌	glyphicon glyphicon-off	尝试一下
📶	glyphicon glyphicon-signal	尝试一下























	glyphicon glyphicon-cog	<a href="#">尝试一下</a>
	glyphicon glyphicon-trash	<a href="#">尝试一下</a>
	glyphicon glyphicon-home	<a href="#">尝试一下</a>
	glyphicon glyphicon-file	<a href="#">尝试一下</a>
	glyphicon glyphicon-time	<a href="#">尝试一下</a>
	glyphicon glyphicon-road	<a href="#">尝试一下</a>
	glyphicon glyphicon-download-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-download	<a href="#">尝试一下</a>
	glyphicon glyphicon-upload	<a href="#">尝试一下</a>
	glyphicon glyphicon-inbox	<a href="#">尝试一下</a>
	glyphicon glyphicon-play-circle	<a href="#">尝试一下</a>
	glyphicon glyphicon-repeat	<a href="#">尝试一下</a>
	glyphicon glyphicon-refresh	<a href="#">尝试一下</a>
	glyphicon glyphicon-list-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-lock	<a href="#">尝试一下</a>
	glyphicon glyphicon-flag	<a href="#">尝试一下</a>
	glyphicon glyphicon-headphones	<a href="#">尝试一下</a>
	glyphicon glyphicon-volume-off	<a href="#">尝试一下</a>
	glyphicon glyphicon-volume-down	<a href="#">尝试一下</a>
	glyphicon glyphicon-volume-up	<a href="#">尝试一下</a>
	glyphicon glyphicon-qr-code	<a href="#">尝试一下</a>
	glyphicon glyphicon-barcode	<a href="#">尝试一下</a>






















	glyphicon glyphicon-tag	尝试一下
	glyphicon glyphicon-tags	尝试一下
	glyphicon glyphicon-book	尝试一下
	glyphicon glyphicon-bookmark	尝试一下
	glyphicon glyphicon-print	尝试一下
	glyphicon glyphicon-camera	尝试一下
A	glyphicon glyphicon-font	尝试一下
B	glyphicon glyphicon-bold	尝试一下
<i>I</i>	glyphicon glyphicon-italic	尝试一下
!T	glyphicon glyphicon-text-height	尝试一下
<u>I</u>	glyphicon glyphicon-text-width	尝试一下
	glyphicon glyphicon-align-left	尝试一下
	glyphicon glyphicon-align-center	尝试一下
	glyphicon glyphicon-align-right	尝试一下
	glyphicon glyphicon-align-justify	尝试一下
	glyphicon glyphicon-list	尝试一下
	glyphicon glyphicon-indent-left	尝试一下
	glyphicon glyphicon-indent-right	尝试一下
	glyphicon glyphicon-facetime-video	尝试一下
	glyphicon glyphicon-picture	尝试一下
	glyphicon glyphicon-map-marker	尝试一下
	glyphicon glyphicon-adjust	尝试一下















































	glyphicon glyphicon-tint	<a href="#">尝试一下</a>
	glyphicon glyphicon-edit	<a href="#">尝试一下</a>
	glyphicon glyphicon-share	<a href="#">尝试一下</a>
	glyphicon glyphicon-check	<a href="#">尝试一下</a>
	glyphicon glyphicon-move	<a href="#">尝试一下</a>
	glyphicon glyphicon-step-backward	<a href="#">尝试一下</a>
	glyphicon glyphicon-fast-backward	<a href="#">尝试一下</a>
	glyphicon glyphicon-backward	<a href="#">尝试一下</a>
	glyphicon glyphicon-play	<a href="#">尝试一下</a>
	glyphicon glyphicon-pause	<a href="#">尝试一下</a>
	glyphicon glyphicon-stop	<a href="#">尝试一下</a>
	glyphicon glyphicon-forward	<a href="#">尝试一下</a>
	glyphicon glyphicon-fast-forward	<a href="#">尝试一下</a>
	glyphicon glyphicon-step-forward	<a href="#">尝试一下</a>
	glyphicon glyphicon-eject	<a href="#">尝试一下</a>
	glyphicon glyphicon-chevron-left	<a href="#">尝试一下</a>
	glyphicon glyphicon-chevron-right	<a href="#">尝试一下</a>
	glyphicon glyphicon-plus-sign	<a href="#">尝试一下</a>
	glyphicon glyphicon-minus-sign	<a href="#">尝试一下</a>
	glyphicon glyphicon-remove-sign	<a href="#">尝试一下</a>
	glyphicon glyphicon-ok-sign	<a href="#">尝试一下</a>



	glyphicon glyphicon-question-sign	尝试一下
	glyphicon glyphicon-info-sign	尝试一下
	glyphicon glyphicon-screenshot	尝试一下
	glyphicon glyphicon-remove-circle	尝试一下
	glyphicon glyphicon-ok-circle	尝试一下
	glyphicon glyphicon-ban-circle	尝试一下
	glyphicon glyphicon-arrow-left	尝试一下
	glyphicon glyphicon-arrow-right	尝试一下
	glyphicon glyphicon-arrow-up	尝试一下
	glyphicon glyphicon-arrow-down	尝试一下
	glyphicon glyphicon-share-alt	尝试一下
	glyphicon glyphicon-resize-full	尝试一下
	glyphicon glyphicon-resize-small	尝试一下
	glyphicon glyphicon-exclamation-sign	尝试一下
	glyphicon glyphicon-gift	尝试一下
	glyphicon glyphicon-leaf	尝试一下
	glyphicon glyphicon-fire	尝试一下
	glyphicon glyphicon-eye-open	尝试一下
	glyphicon glyphicon-eye-close	尝试一下
	glyphicon glyphicon-warning-sign	尝试一下
	glyphicon glyphicon-plane	尝试一下
	glyphicon glyphicon-calendar	尝试一下

	glyphicon glyphicon-random	尝试一下
	glyphicon glyphicon-comment	尝试一下
	glyphicon glyphicon-magnet	尝试一下
	glyphicon glyphicon-chevron-up	尝试一下
	glyphicon glyphicon-chevron-down	尝试一下
	glyphicon glyphicon-retweet	尝试一下
	glyphicon glyphicon-shopping-cart	尝试一下
	glyphicon glyphicon-folder-close	尝试一下
	glyphicon glyphicon-folder-open	尝试一下
	glyphicon glyphicon-resize-vertical	尝试一下
	glyphicon glyphicon-resize-horizontal	尝试一下
	glyphicon glyphicon-hdd	尝试一下
	glyphicon glyphicon-bullhorn	尝试一下
	glyphicon glyphicon-bell	尝试一下
	glyphicon glyphicon-certificate	尝试一下
	glyphicon glyphicon-thumbs-up	尝试一下
	glyphicon glyphicon-thumbs-down	尝试一下
	glyphicon glyphicon-hand-right	尝试一下
	glyphicon glyphicon-hand-left	尝试一下
	glyphicon glyphicon-hand-up	尝试一下
	glyphicon glyphicon-hand-down	尝试一下
	glyphicon glyphicon-circle-arrow-right	尝试一下

	glyphicon glyphicon-circle-arrow-left	<a href="#">尝试一下</a>
	glyphicon glyphicon-circle-arrow-up	<a href="#">尝试一下</a>
	glyphicon glyphicon-circle-arrow-down	<a href="#">尝试一下</a>
	glyphicon glyphicon-globe	<a href="#">尝试一下</a>
	glyphicon glyphicon-wrench	<a href="#">尝试一下</a>
	glyphicon glyphicon-tasks	<a href="#">尝试一下</a>
	glyphicon glyphicon-filter	<a href="#">尝试一下</a>
	glyphicon glyphicon-briefcase	<a href="#">尝试一下</a>
	glyphicon glyphicon-fullscreen	<a href="#">尝试一下</a>
	glyphicon glyphicon-dashboard	<a href="#">尝试一下</a>
	glyphicon glyphicon-paperclip	<a href="#">尝试一下</a>
	glyphicon glyphicon-heart-empty	<a href="#">尝试一下</a>
	glyphicon glyphicon-link	<a href="#">尝试一下</a>
	glyphicon glyphicon-phone	<a href="#">尝试一下</a>
	glyphicon glyphicon-pushpin	<a href="#">尝试一下</a>
	glyphicon glyphicon-usd	<a href="#">尝试一下</a>
	glyphicon glyphicon-gbp	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort-by-alphabet	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort-by-alphabet-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort-by-order	<a href="#">尝试一下</a>

	glyphicon glyphicon-sort-by-order-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort-by-attributes	<a href="#">尝试一下</a>
	glyphicon glyphicon-sort-by-attributes-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-unchecked	<a href="#">尝试一下</a>
	glyphicon glyphicon-expand	<a href="#">尝试一下</a>
	glyphicon glyphicon-collapse-down	<a href="#">尝试一下</a>
	glyphicon glyphicon-collapse-up	<a href="#">尝试一下</a>
	glyphicon glyphicon-log-in	<a href="#">尝试一下</a>
	glyphicon glyphicon-flash	<a href="#">尝试一下</a>
	glyphicon glyphicon-log-out	<a href="#">尝试一下</a>
	glyphicon glyphicon-new-window	<a href="#">尝试一下</a>
	glyphicon glyphicon-record	<a href="#">尝试一下</a>
	glyphicon glyphicon-save	<a href="#">尝试一下</a>
	glyphicon glyphicon-open	<a href="#">尝试一下</a>
	glyphicon glyphicon-saved	<a href="#">尝试一下</a>
	glyphicon glyphicon-import	<a href="#">尝试一下</a>
	glyphicon glyphicon-export	<a href="#">尝试一下</a>
	glyphicon glyphicon-send	<a href="#">尝试一下</a>
	glyphicon glyphicon-floppy-disk	<a href="#">尝试一下</a>
	glyphicon glyphicon-floppy-saved	<a href="#">尝试一下</a>
	glyphicon glyphicon-floppy-remove	<a href="#">尝试一下</a>
	glyphicon glyphicon-floppy-save	<a href="#">尝试一下</a>

	glyphicon glyphicon-floppy-open	<a href="#">尝试一下</a>
	glyphicon glyphicon-credit-card	<a href="#">尝试一下</a>
	glyphicon glyphicon-transfer	<a href="#">尝试一下</a>
	glyphicon glyphicon-cutlery	<a href="#">尝试一下</a>
	glyphicon glyphicon-header	<a href="#">尝试一下</a>
	glyphicon glyphicon-compressed	<a href="#">尝试一下</a>
	glyphicon glyphicon-earphone	<a href="#">尝试一下</a>
	glyphicon glyphicon-phone-alt	<a href="#">尝试一下</a>
	glyphicon glyphicon-tower	<a href="#">尝试一下</a>
	glyphicon glyphicon-stats	<a href="#">尝试一下</a>
	glyphicon glyphicon-sd-video	<a href="#">尝试一下</a>
	glyphicon glyphicon-hd-video	<a href="#">尝试一下</a>
	glyphicon glyphicon-subtitles	<a href="#">尝试一下</a>
	glyphicon glyphicon-sound-stereo	<a href="#">尝试一下</a>
	glyphicon glyphicon-sound-dolby	<a href="#">尝试一下</a>
	glyphicon glyphicon-sound-5-1	<a href="#">尝试一下</a>
	glyphicon glyphicon-sound-6-1	<a href="#">尝试一下</a>
	glyphicon glyphicon-sound-7-1	<a href="#">尝试一下</a>
	glyphicon glyphicon-copyright-mark	<a href="#">尝试一下</a>
	glyphicon glyphicon-registration-mark	<a href="#">尝试一下</a>
	glyphicon glyphicon-cloud-download	<a href="#">尝试一下</a>
	glyphicon glyphicon-cloud-upload	<a href="#">尝试一下</a>

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