

2.3 设置字体



字体 font-family

```
<h1>卡尔斯巴德洞窟 (Carlsbad Caverns) </h1>
<p>卡尔斯巴德洞窟 (Carlsbad Caverns) 是美国的一座国家公园，位于新墨西哥州东南部。游客可以通过天然入口徒步进入，也可以通过电梯直接到达230米的洞穴深处。</p>
```

```
<style>
  h1 {
    font-family: Optima, Georgia, serif;
  }
  body {
    font-family: Helvetica, sans-serif;
  }
</style>
```

卡尔斯巴德洞窟 (Carlsbad Caverns)

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<https://s.codepen.io/webzhao/debug/BGWJbx/vWkRwagg...>

通用字体族

Serif 衬线体

Georgia、宋体

Sans-Serif 无衬线体

Arial、Helvetica、黑体、微软雅黑

Cursive 手写体

Calligraphic script、楷体

Fantasy

Comic Sans MS, Papyrus,

Zapfino

Monospace 等宽字体

Consolas、Courier、中文字体

font-family 使用建议

- 字体列表最后写上通用字体族
- 英文字体放在中文字体前面

使用 Web Fonts

```
<h1>Web fonts are awesome!</h1>
<p>Web fonts are a CSS feature ... </p>

<style>
  @font-face {
    font-family: 'Megrim';
    src: url('/megrim.woff2') format('woff2'),
         url('/megrim.ttf') format('truetype')
  }

  @font-face {
    font-family: 'Buda';
    src: url('/buda.woff2') format('woff2'),
         url('/buda.ttf') format('truetype');
  }

  h1 {
    font-family: Megrim, Cursive;
    font-size: 40px;
  }
```



中文 Web Fonts

飞流直下三千尺，疑是银河落九天。

两岸猿声啼不住，轻舟已过万重山。

小荷才露尖尖角，早有蜻蜓立上头。

font-size

- 关键字
 - small、medium、large
- 长度
 - px、em
- 百分数
 - 相对于父元素字体大小

font-size

```
<section>
  <h2>A web font example</h2>
  <p class="note">Notes: Web fonts ... </p>
  <p>With this in mind, let's build ... </p>
</section>

<style>
  section {
    font-size: 20px;
  }

  section h1 {
    font-size: 2em;
  }

  section .note {
    font-size: 80%;
    color: orange;
  }
</style>
```

A web font example

Notes: Web fonts as a technology have been supported in Internet Explorer since version 4!

With this in mind, let's build up a basic web font example from first principles. It is difficult to demonstrate this using an embedded live example, so instead we would like you to follow the steps detailed in the below sections, to get an idea of the process.

<https://s.codepen.io/webzhao/debug/LXyJbK/dXAqBZjVm...>

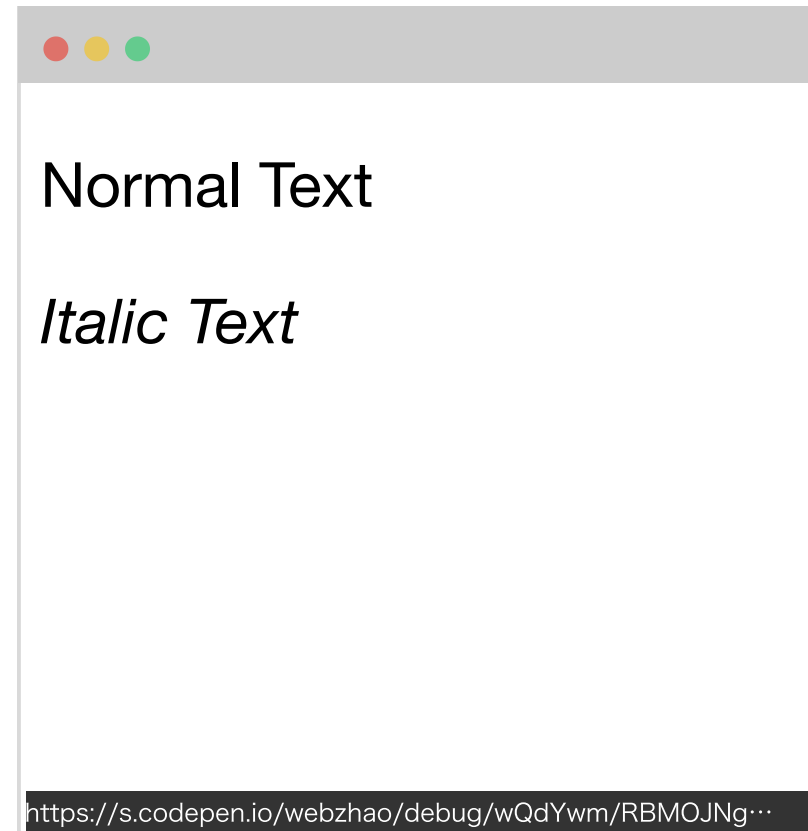
font-style

```
<p class="normal">Normal Text</p>
<p class="italic">Italic Text</p>

<style>
  p {
    font-size: 36px;
    font-family: "Helvetica Neue", sans-serif;
  }

  .normal {
    font-style: normal;
  }

  .italic {
    font-style: italic;
  }
</style>
```



font-weight

```
<ul>
  <li class="w1">锦瑟无端五十弦 (100) </li>
  <li class="w2">锦瑟无端五十弦 (200) </li>
  <li class="w3">锦瑟无端五十弦 (300) </li>
  <li class="w4">锦瑟无端五十弦 (400-normal) </li>
  <li class="w5">锦瑟无端五十弦 (500) </li>
  <li class="w6">锦瑟无端五十弦 (600) </li>
  <li class="w7">锦瑟无端五十弦 (700-bold) </li>
  <li class="w8">锦瑟无端五十弦 (800) </li>
  <li class="w9">锦瑟无端五十弦 (900) </li>
</ul>
```

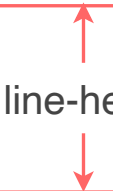
```
<style>
li { font-size: 28px }
.w1 { font-weight: 100 }
.w2 { font-weight: 200 }
.w3 { font-weight: 300 }
.w4 { font-weight: 400 }
.w5 { font-weight: 500 }
.w6 { font-weight: 600 }
```

- 
- 锦瑟无端五十弦 (100)
 - 锦瑟无端五十弦 (200)
 - 锦瑟无端五十弦 (300)
 - 锦瑟无端五十弦 (400-normal)
 - 锦瑟无端五十弦 (500)
 - 锦瑟无端五十弦 (600)
 - 锦瑟无端五十弦 (700-bold)
 - 锦瑟无端五十弦 (800)
 - 锦瑟无端五十弦 (900)

<https://s.codepen.io/webzhao/debug/MzmqvB/wQAPoNjOj...>

line-height

CSS assumes that every font has font metrics that specify a characteristic height above the baseline and a depth below it.



The diagram shows two horizontal red lines. The top line is aligned with the baseline of the text "CSS assumes that every font has font". The bottom line is aligned with the baseline of the text "metrics that specify a characteristic height". A vertical red double-headed arrow spans the distance between these two lines, with the label "line-height" positioned to its right.

line-height

```
<section>
  <h1>Font families recap</h1>
  <p>As we looked at in ... </p>
</section>
```

```
<style>
  h1 {
    font-size: 30px;
    line-height: 45px;
  }

  p {
    font-size: 20px;
    line-height: 1.6;
  }
</style>
```



Font families recap

As we looked at in Fundamental text and font styling, the fonts applied to your HTML can be controlled using the font-family property.

<https://s.codepen.io/webzhao/debug/yQXPM/bYrdyeRde...>

font

font: style weight size/height family

```
h1 {  
  /* 斜体 粗细 大小/行高 字体族 */  
  font: bold 14px/1.7 Helvetica, sans-serif;  
}  
  
p {  
  font: 14px serif;  
}
```