



链滴

## CSS 动画系列 --3

作者: [owsieman](#)

原文链接: <https://ld246.com/article/1530966711475>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

# GOOGLE Loading Animation

大概在2014年Google用CSS3做了一个Loading的动画，很多用Android的朋友（如果是原生系统）能对这个动画比较熟悉，下面先给出效果：

```
<style>
```

```
#google_loading>div {  
  top: 210px;  
  left: 80px;  
  width: 50px;  
  height: 100px;  
  border-radius: 0 50px 50px 0;  
  position: absolute;  
  z-index: 10;  
  perspective: 200px;  
  transform: rotateY(0deg);  
  animation: bgColor1 4s step-end infinite both, rotate 4s step-start infinite both;  
  transform-origin: 0 50%;  
}
```

```
#google_loading>div:after {  
  content: "";  
  position: absolute;  
  z-index: 10;  
  top: 0;  
  left: -50px;  
  width: 50px;  
  height: 100px;  
  border-radius: 50px 0 0 50px;  
  background: #ccc;  
  animation: bgColor2 4s step-end infinite both;  
}
```

```
#google_loading>div:before {  
  content: "";  
  position: absolute;  
  z-index: 11;  
  top: 0;  
  left: 0px;  
  width: 50px;  
  height: 100px;  
  border-radius: 0 50px 50px 0;  
  transform-origin: 0 50%;  
  transform: rotateY(0deg) rotateZ(0deg);  
  animation: flipColor 4s linear infinite both, flip 4s linear infinite both;  
}
```

```
@keyframes bgColor1 {  
  0% {  
    background: #ffd539;  
  }  
  50% {
```

```
    background: #3a71f8;
  }
  100% {
    background: #3a71f8;
  }
}
```

```
@keyframes bgColor2 {
  0% {
    background: #f52d27;
  }
  25% {
    background: #00b262;
  }
  75% {
    background: #f52d27;
  }
  100% {
    background: #f52d27;
  }
}
```

```
@keyframes rotate {
  0% {
    -webkit-transform: rotate(0deg);
  }
  25% {
    -webkit-transform: rotate(90deg);
  }
  50% {
    -webkit-transform: rotate(180deg);
  }
  75% {
    -webkit-transform: rotate(270deg);
  }
  100% {
    -webkit-transform: rotate(0deg);
  }
}
```

```
@keyframes flip {
  0% {
    -webkit-transform: rotateY(0deg);
  }
  12.5% {
    -webkit-transform: rotateY(90deg);
  }
  25% {
    -webkit-transform: rotateY(180deg);
  }
  37.5% {
    -webkit-transform: rotateY(90deg);
  }
  50% {
```

```
-webkit-transform: rotateY(0deg);
}
62.5% {
  -webkit-transform: rotateY(90deg);
}
75% {
  -webkit-transform: rotateY(180deg);
}
87.5% {
  -webkit-transform: rotateY(90deg);
}
100% {
  -webkit-transform: rotateY(0deg);
}
}
```

```
@keyframes flipColor {
  0% {
    background: #f52d27;
  }
  12.5% {
    background: #7d0906;
  }
  25% {
    background: #ff539;
  }
  37.5% {
    background: #9f7d00;
  }
  50% {
    background: #00b262;
  }
  62.5% {
    background: #00190e;
  }
  75% {
    background: #3a71f8;
  }
  87.5% {
    background: #052e94;
  }
  100% {
    background: #f52d27;
  }
}
</style>
```

```
<div id="google_loading">
  <div></div>
</div>
```

```
<div style="height:130px; top:350px; position: absolute;">这里给出代码: </div>
<div style="height:170px;"></div>
```

```
<style>
```

```
#google_loading>div {  
  top: 130px;  
  left: 80px;  
  width: 50px;  
  height: 100px;  
  border-radius: 0 50px 50px 0;  
  position: absolute;  
  z-index: 10;  
  perspective: 200px;  
  transform: rotateY(0deg);  
  animation: bgColor1 4s step-end infinite both, rotate 4s step-start infinite both;  
  transform-origin: 0 50%;  
}
```

```
#google_loading>div:after {  
  content: "";  
  position: absolute;  
  z-index: 10;  
  top: 0;  
  left: -50px;  
  width: 50px;  
  height: 100px;  
  border-radius: 50px 0 0 50px;  
  background: #ccc;  
  animation: bgColor2 4s step-end infinite both;  
}
```

```
#google_loading>div:before {  
  content: "";  
  position: absolute;  
  z-index: 11;  
  top: 0;  
  left: 0px;  
  width: 50px;  
  height: 100px;  
  border-radius: 0 50px 50px 0;  
  transform-origin: 0 50%;  
  transform: rotateY(0deg) rotateZ(0deg);  
  animation: flipColor 4s linear infinite both, flip 4s linear infinite both;  
}
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```
@keyframes bgColor1 {  
  0% {  
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  }  
  50% {  
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  }  
  100% {  
    background: #3a71f8;  
  }  
}
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```
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  0% {
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  }
  50% {
    -webkit-transform: rotate(180deg);
  }
  75% {
    -webkit-transform: rotate(270deg);
  }
  100% {
    -webkit-transform: rotate(0deg);
  }
}
```

```
@keyframes flip {
  0% {
    -webkit-transform: rotateY(0deg);
  }
  12.5% {
    -webkit-transform: rotateY(90deg);
  }
  25% {
    -webkit-transform: rotateY(180deg);
  }
  37.5% {
    -webkit-transform: rotateY(90deg);
  }
  50% {
    -webkit-transform: rotateY(0deg);
  }
  62.5% {
    -webkit-transform: rotateY(90deg);
  }
  75% {
```

```
-webkit-transform: rotateY(180deg);
}
87.5% {
  -webkit-transform: rotateY(90deg);
}
100% {
  -webkit-transform: rotateY(0deg);
}
}
```

```
@keyframes flipColor {
  0% {
    background: #f52d27;
  }
  12.5% {
    background: #7d0906;
  }
  25% {
    background: #ffd539;
  }
  37.5% {
    background: #9f7d00;
  }
  50% {
    background: #00b262;
  }
  62.5% {
    background: #00190e;
  }
  75% {
    background: #3a71f8;
  }
  87.5% {
    background: #052e94;
  }
  100% {
    background: #f52d27;
  }
}
```

```
</style>
```

```
<div id="google_loading">
```

```
<div></div>
```

```
</div>
```