

# 今天的目标

- 如何组织CSS
- 设定个人的UI设计规范 (UI Kit)



# Lecture Boilerplate

<https://github.com/lewagon/components-demo>

```
cd ~/code/$GITHUB_USERNAME  
git clone git@github.com:lewagon/components-demo.git  
cd components-demo  
rm -rf .git  
stt
```



# 什么是组件 (component) ?



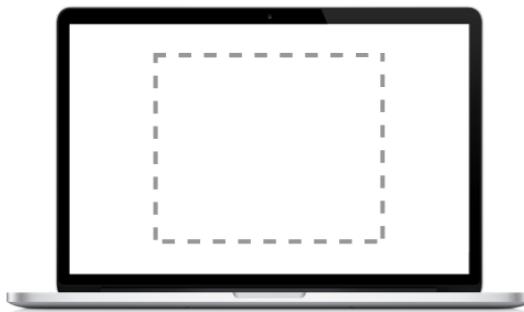
# 组件 = 乐高积木



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# 基础组件

Container



Avatar

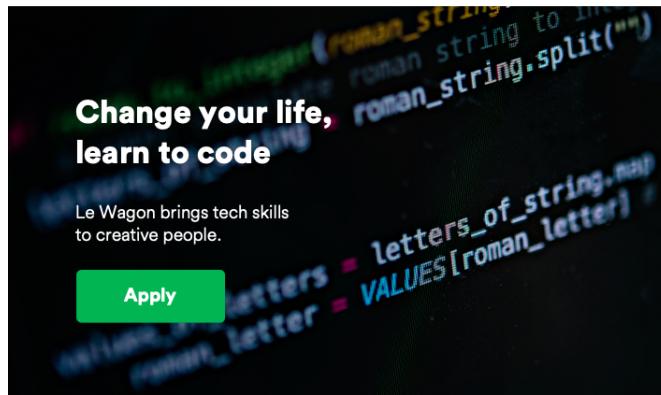


Button



# 高级组件

Hero section (banner)



Card



Form

**Login**

Enter your email

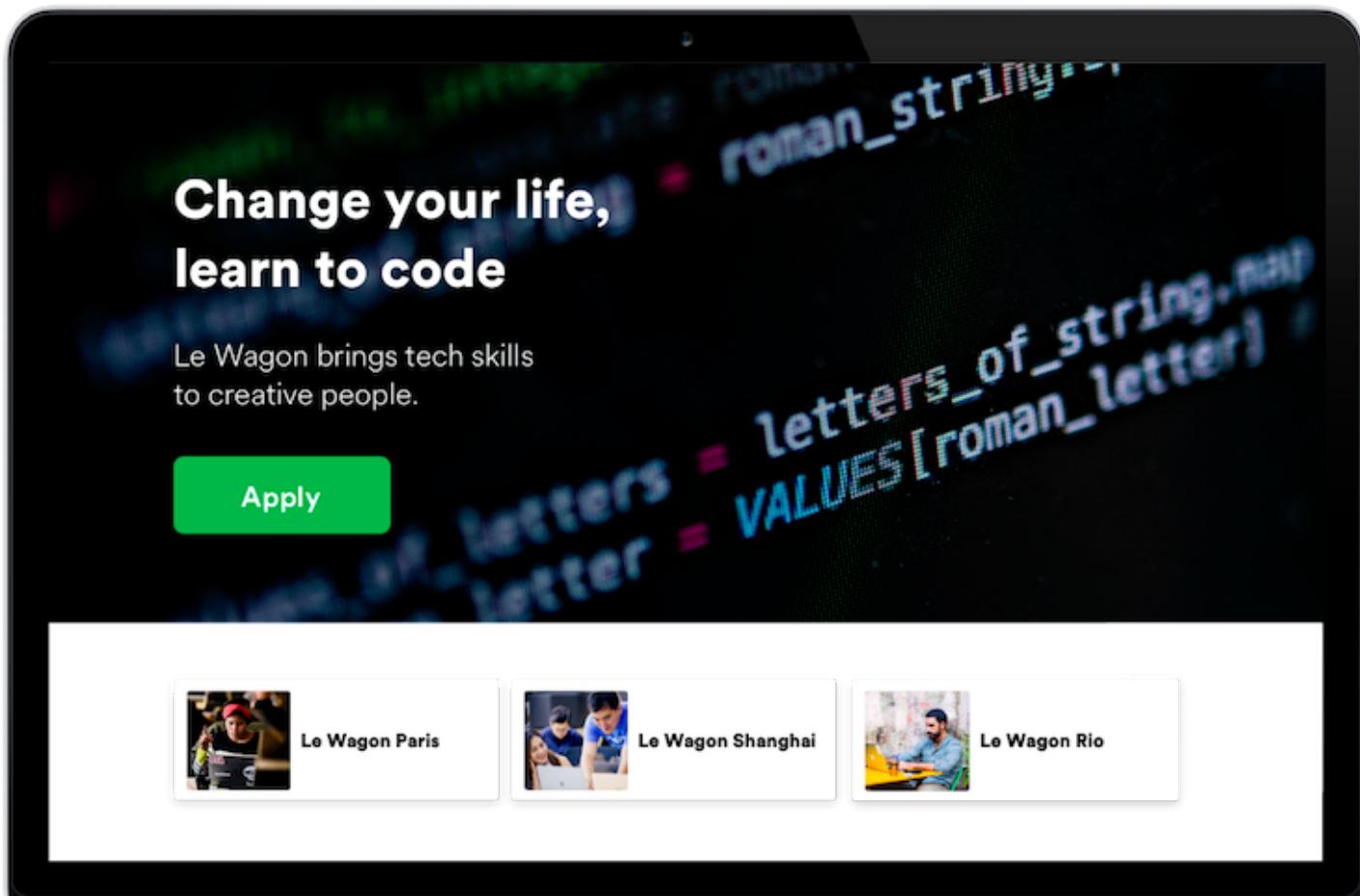
Enter your password

**sign in**



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# 可以合并成一个网页！



# 10个组件 = 90%的应用app设计

这是前端开发人员的秘密



# 专业CSS组织

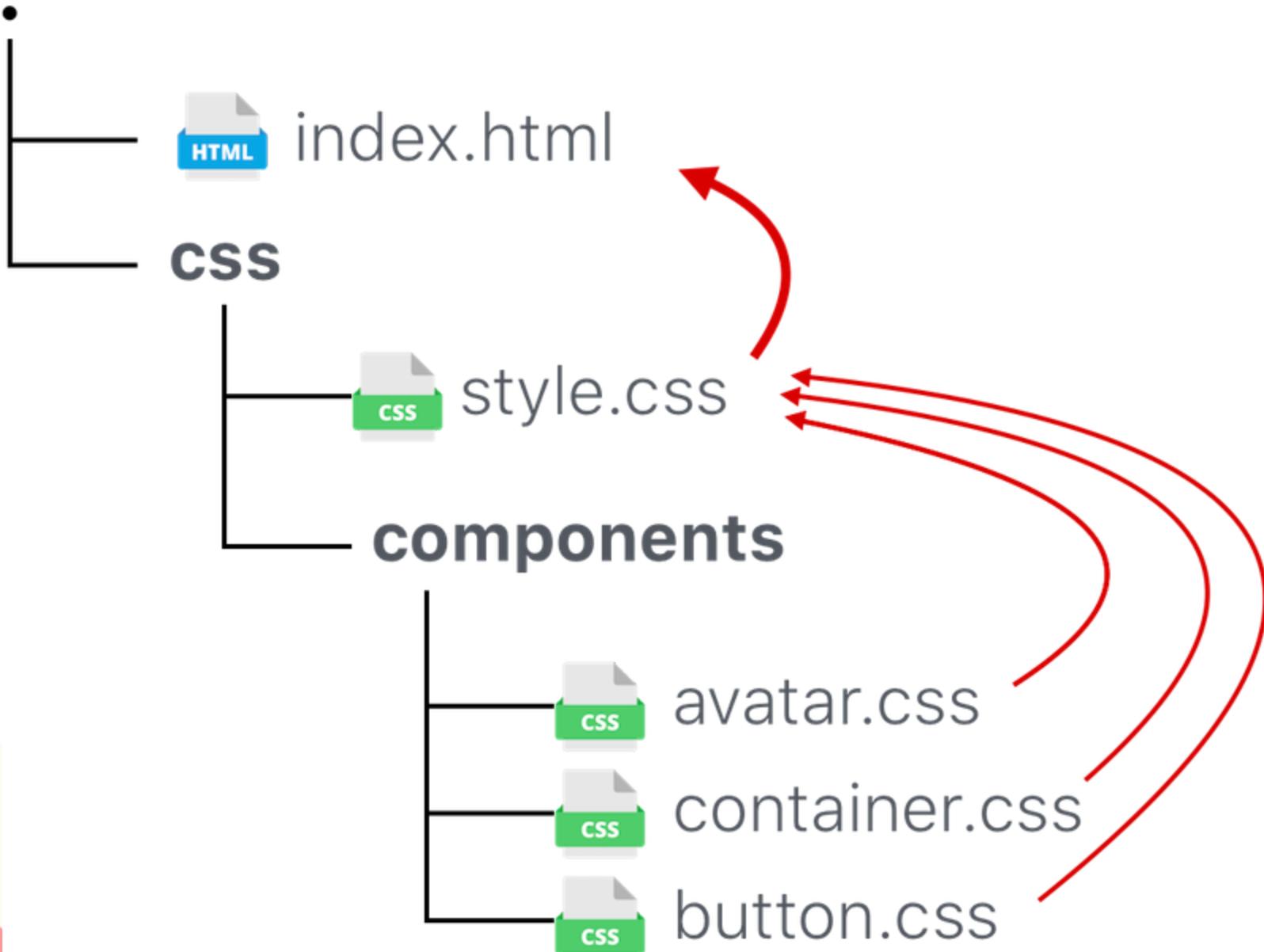
开始前，我们先了解一下如何像真正的前端开发人员那样组织代码



# 根据组件组织CSS

- 昨天 一个文件 `style.css`
- 今天 每个组件都有各自的文件





## style.css将引入所有外部样式表 (stylesheets)

```
/* style.css */

/* <!-- footer: Le Wagon China Product -->
![bg](background.png)

--- 如何引入组件的样式表 <!-- footer: Le Wagon China Product
![bg](background.png)

--- */
@import url("components/avatar.css");
@import url("components/container.css");
@import url("components/button.css");

/* [...] */
```

在HTML中用一个link标签来引用所有CSS

```
<link rel="stylesheet" href="css/style.css">
```

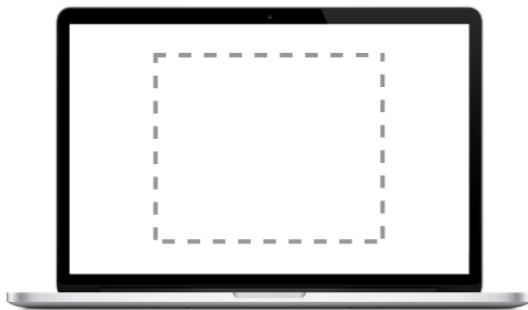


# 第一个组件



# 基础组件（原子）

Container



Avatar



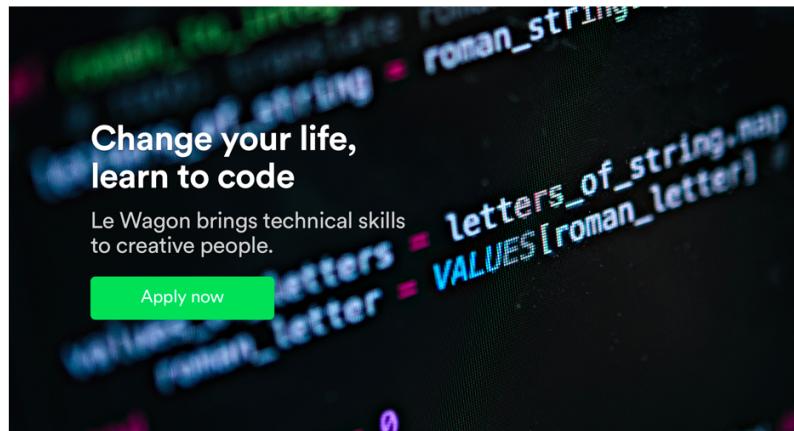
Button



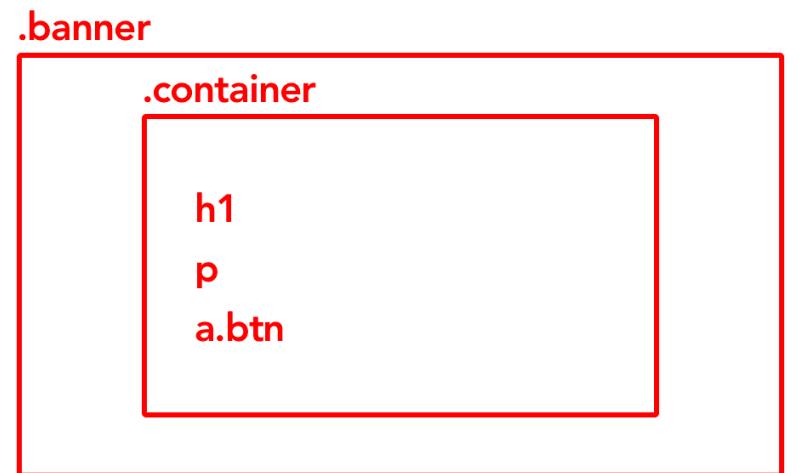
# 结合原子（分子）

构建结构化的组件

Result



HTML



# Flexbox组件



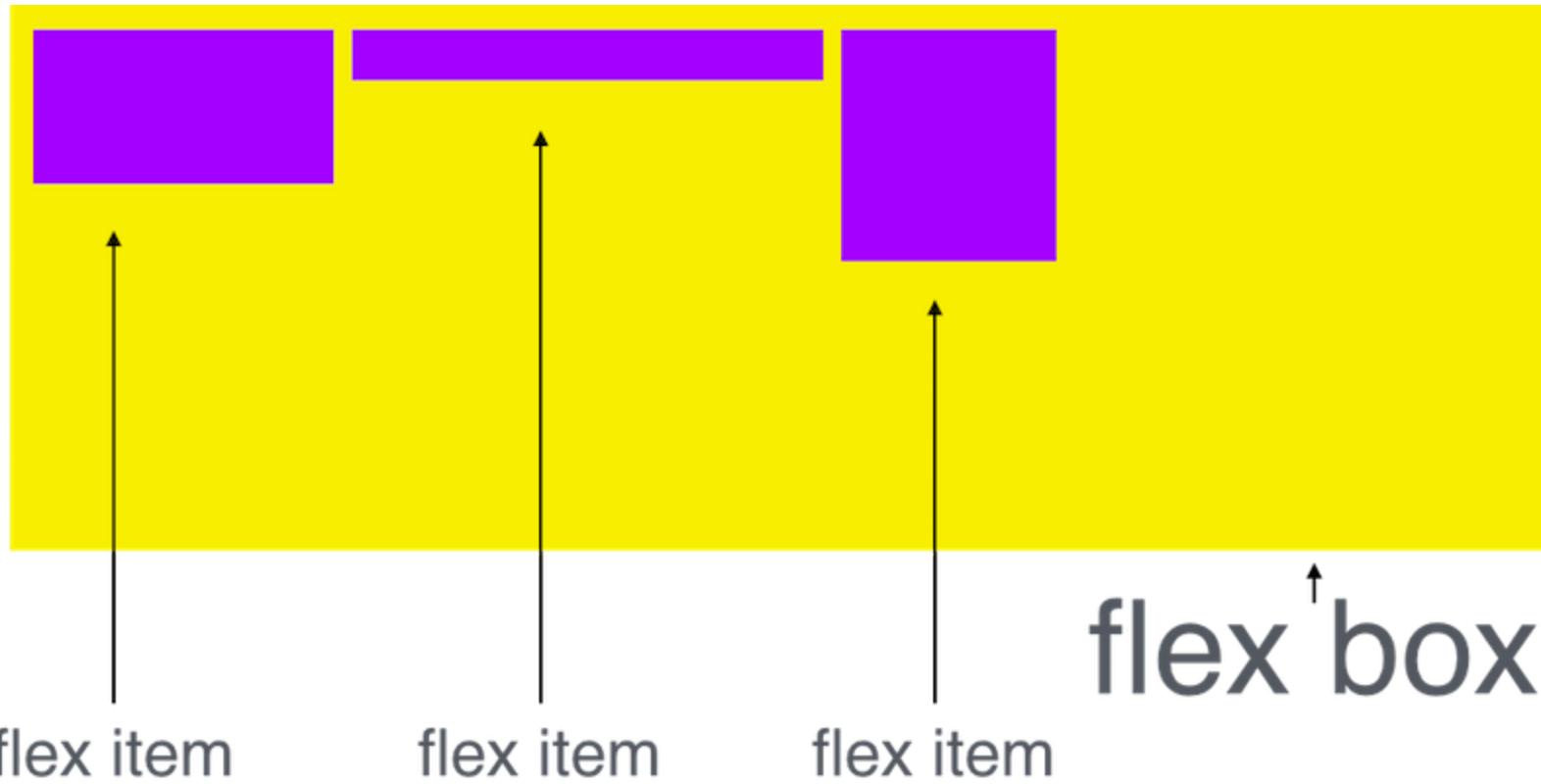
# Flexbox

95%的组件都是用flexbox来构建的



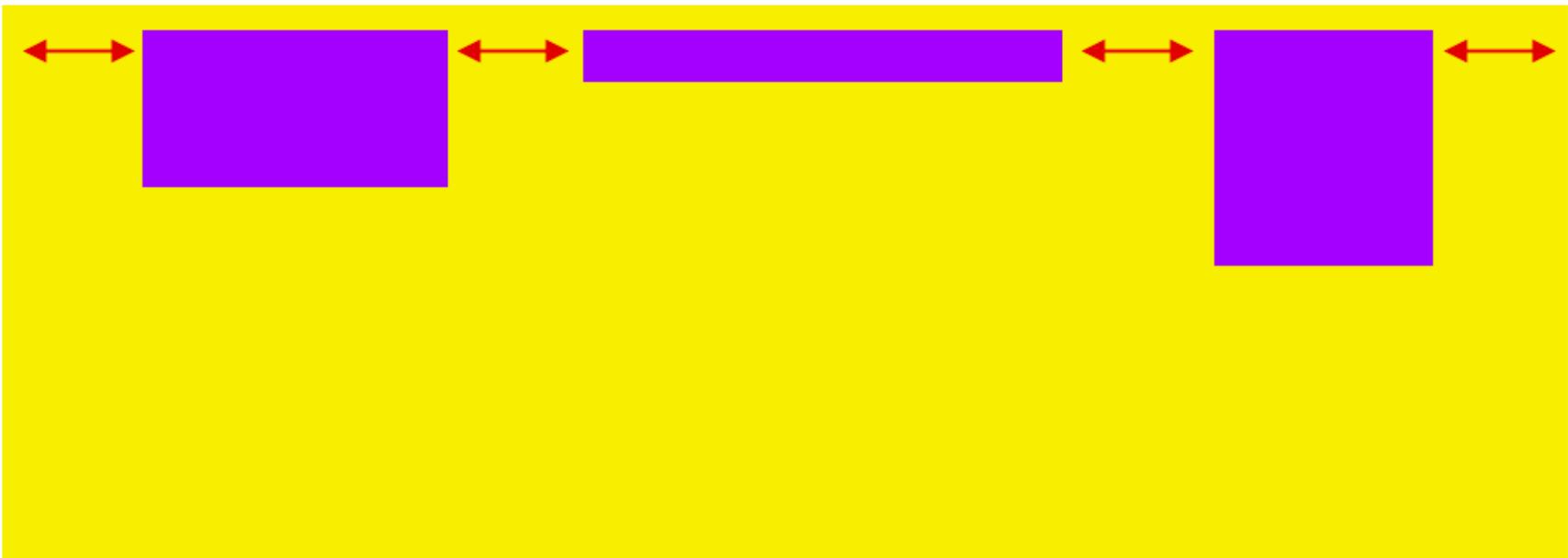
# Flexbox - 词汇

```
.flexbox {  
  display: flex;  
}
```



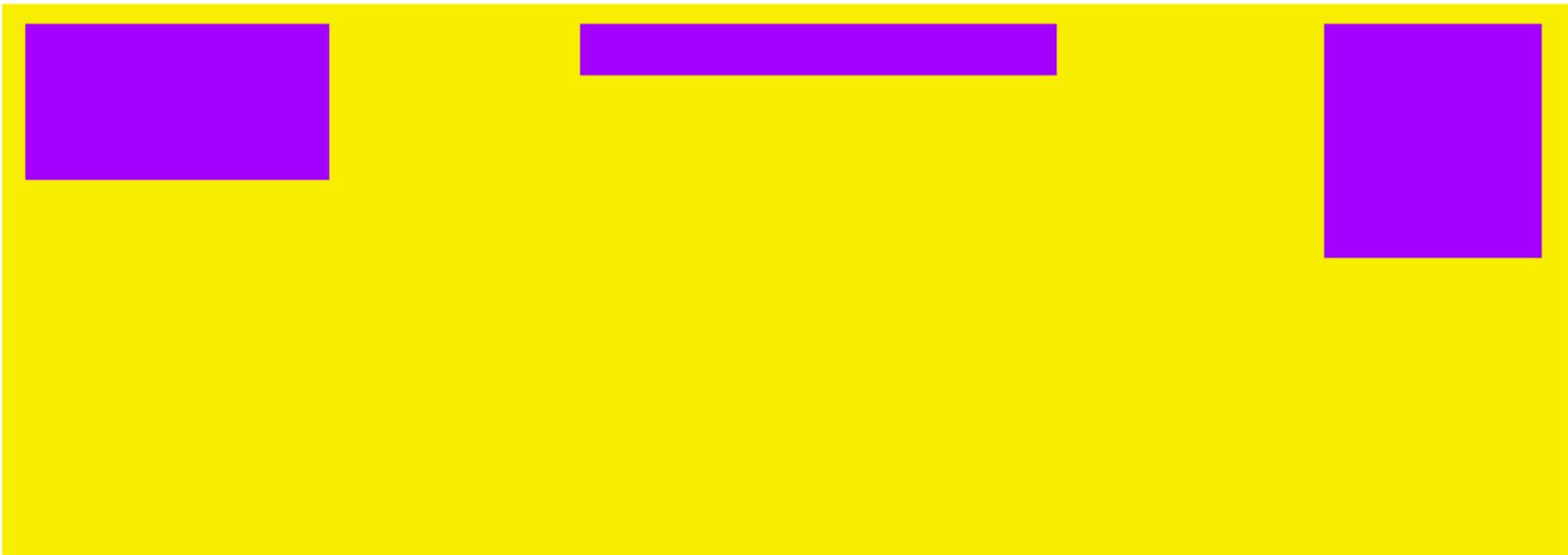
# Flexbox - justify content (1)

```
.flexbox {  
  display: flex;  
  justify-content: space-evenly;  
}
```



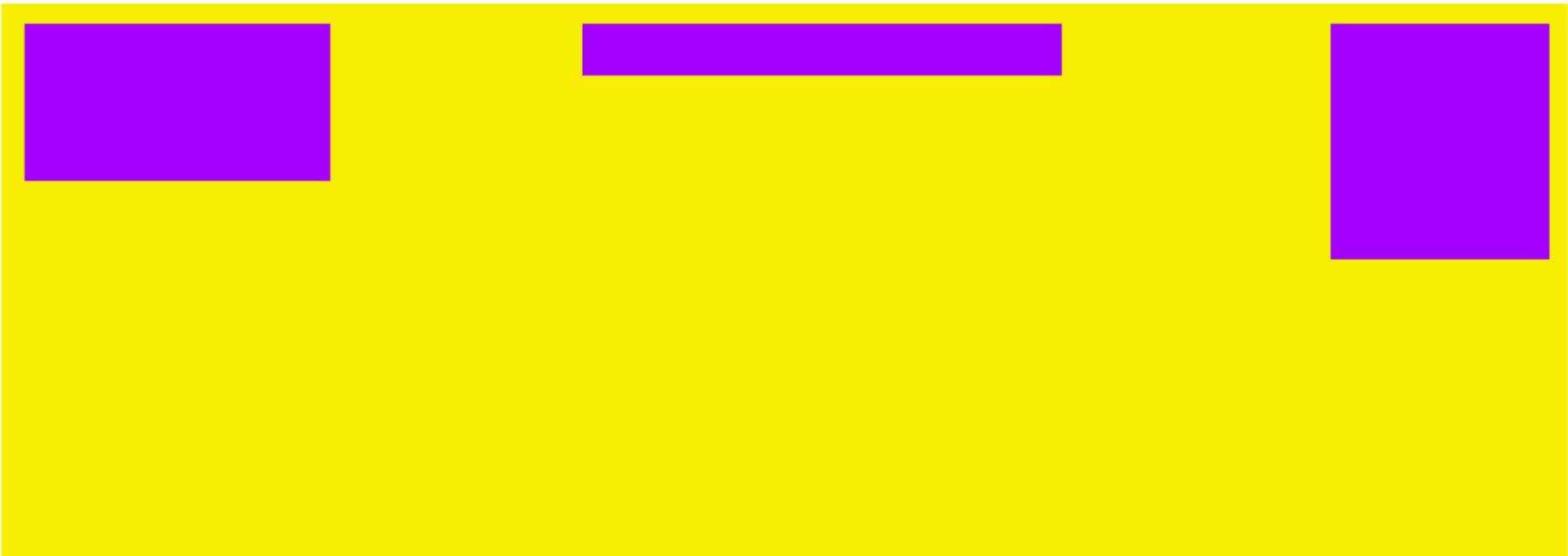
## Flexbox - justify content (2)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
}
```



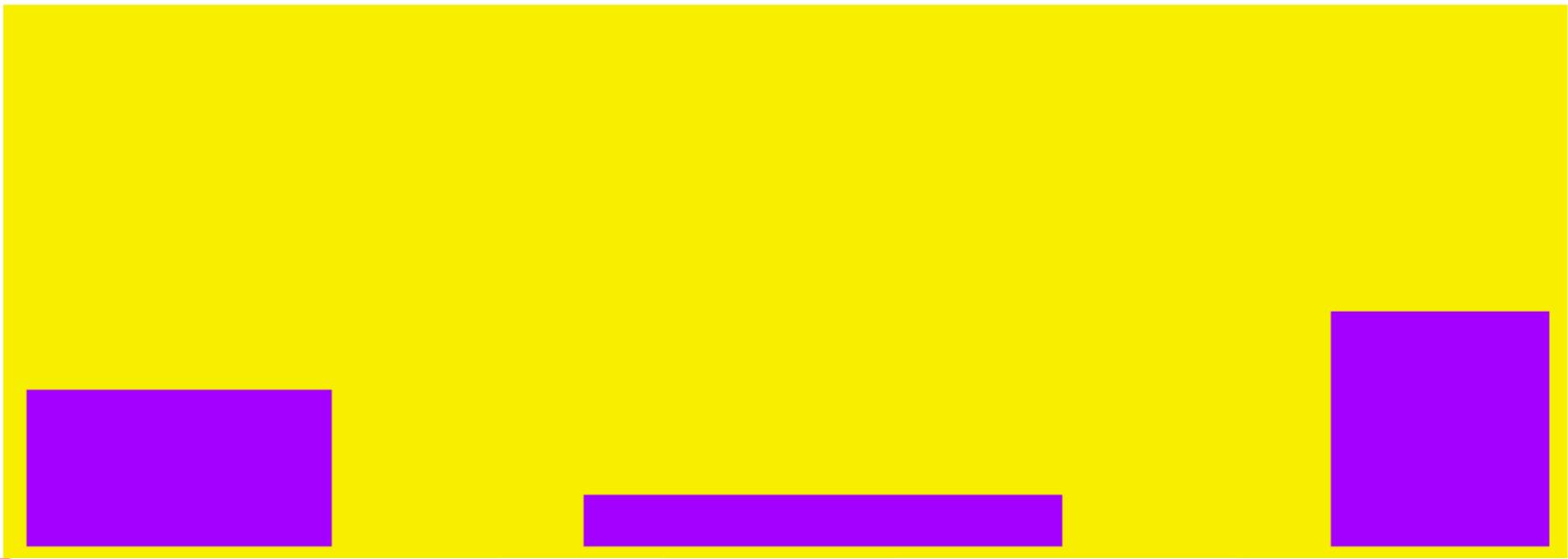
# Flexbox - align items (1)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: flex-start;  
}
```



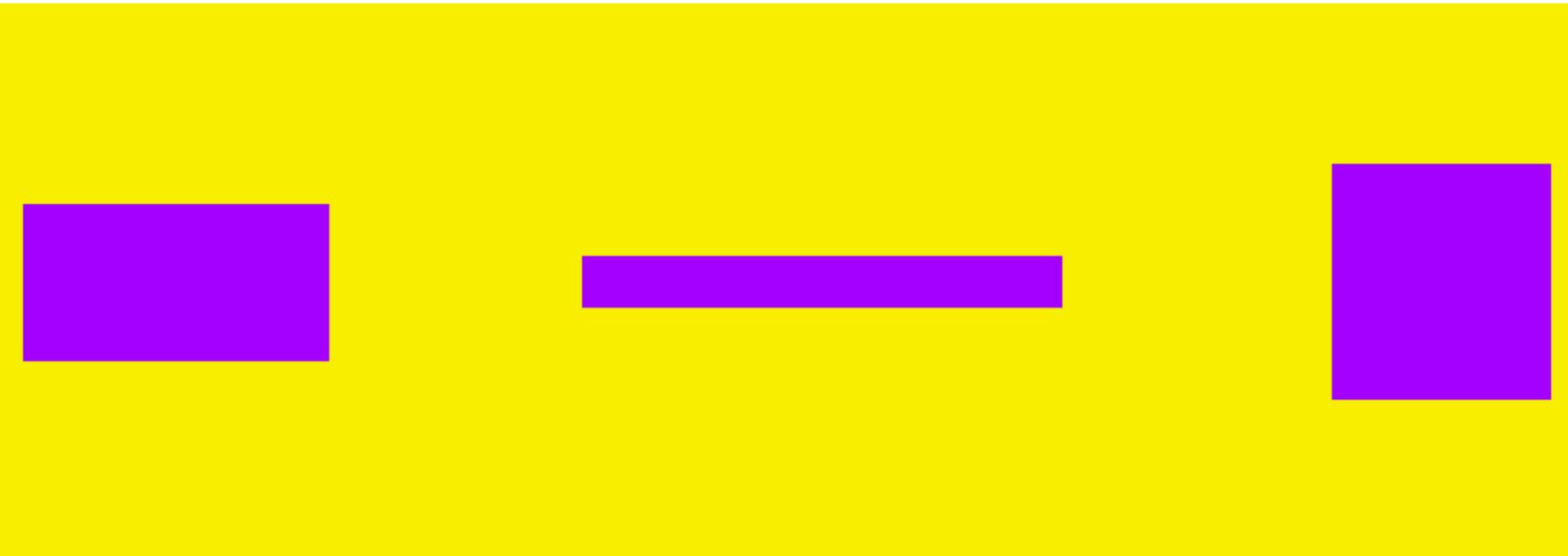
## Flexbox - align items (2)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: flex-end;  
}
```



## Flexbox - align items (3)

```
.flexbox {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
}
```



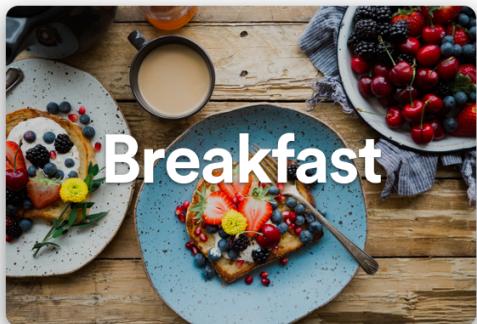
# Flex item - flex grow

```
.flexbox {  
  display: flex;  
  align-items: center;  
}  
  
.item {  
  flex-grow: 1;  
}
```



# 如何创建类别卡片样式

Result



HTML

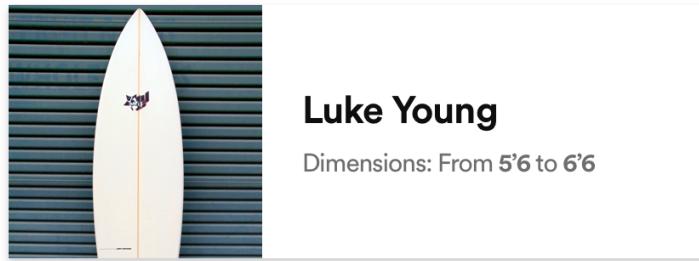
.card-category

h2



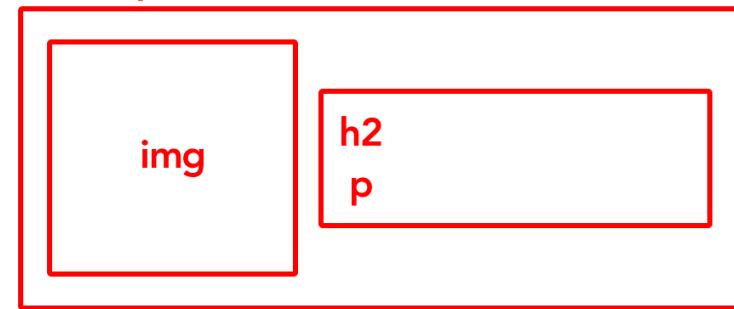
# 如何创建产品卡片样式

Result



HTML

.card-product



# Flex quiz - 如何创建以下旅行卡片的样式呢？

Result



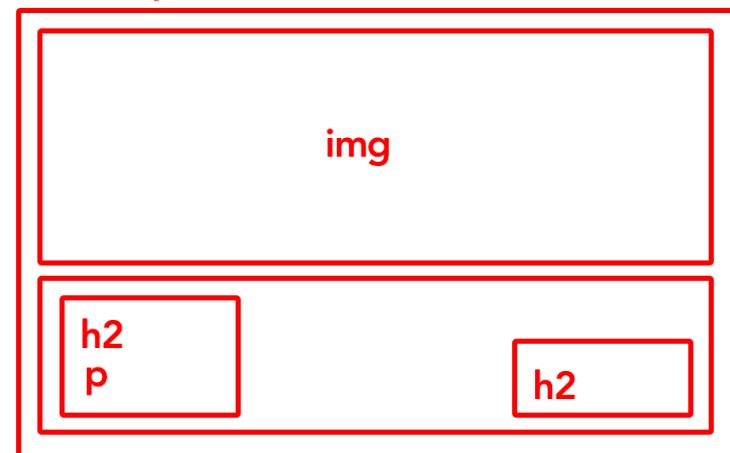
Trip to Athens

Discover the capital of Greece!

£179.99

.card-trip

HTML



# 接下来，我们将使用flexbox来构建更多的组件

- 一个类别卡片
- 一个产品卡片
- 一个旅行卡片

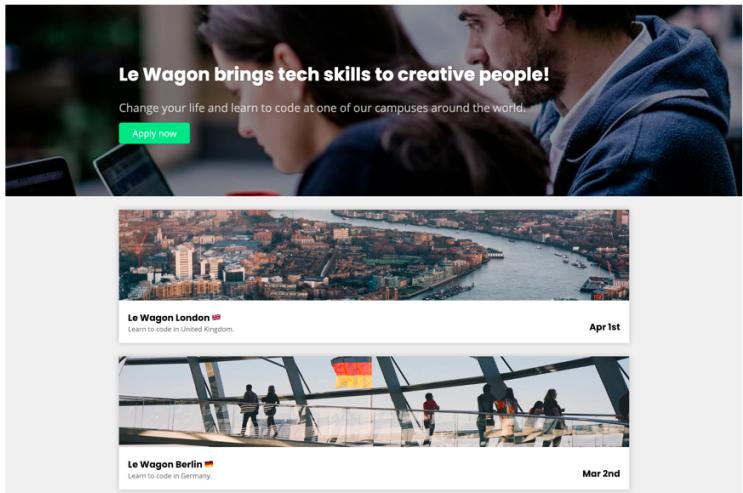


# 如何建设一个网页



# 将组件组合到一个页面中

Result



HTML

.banner

.container

.container

.card-trip

.card-trip



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# **Let's build awesome components**