HTML&CSS

design and build websites

CHAPTER 10

INTRODUCING CSS

CSS Verstehen:
THINKING INSIDE THE BOX

The Cottage Garden

The *cottage garden* is a distinct style of garden that uses an informal design, dense planting and a mixture of ornamental and edible plants.

The Cottage Garden originated in England and its history can be traced back for centuries, although they were re-invented in 1870's England, when stylized versions were formed as a reaction to the more structured and rigorously maintained English estate gardens.

The earliest cottage gardens were more practical than their modern descendants, with an emphasis on vegetables and herbs, along with some fruit trees.

CSS vereinigt Stilregeln mit HTML Elementen

```
p {
font-family: Arial;}
```

CSS vereinigt Stilregeln mit HTML Elementen

SELECTOR

```
p {
    font-family: Arial;}
```

CSS vereinigt Stilregeln mit HTML Elementen

SELECTOR

p {

font-family: Arial;}

DECLARATION

CSS-Eigenschaften beeinflussen, wie Elemente angezeigt werden.

```css
h1, h2, h3 {
              font-family: Arial;
              color: yellow;}
```

CSS-Eigenschaften beeinflussen, wie Elemente angezeigt werden.

```css
h1, h2, h3 {
          font-family: Arial;
          color: yellow;}
```

PROPERTY

CSS-Eigenschaften beeinflussen, wie Elemente angezeigt werden.

```
h1, h2, h3 {
            font-family: Arial;
            color: yellow;}
```

PROPERTY VALUE

Einführung in CSS

```
<h1>From Garden to Plate</h1>
<p>A <i>potager</i> is a French term for
   an ornamental vegetable or kitchen
   garden...</p>

<h2>What to Plant</h2>
<p>Plants are chosen as much for their
   functionality as for their color and
   form...</p>
```

From Garden to Plate

A *potager* is a French term for an ornamental vegetable or kitchen garden. Often flowers (edible and non-edible) and herbs are planted with the vegetables to enhance the garden's beauty. The goal is to make the function of providing food aesthetically pleasing.

What to Plant

Plants are chosen as much for their functionality as for their color and form. Many are trained to grow upward. A well-designed potager can provide food, cut flowers and herbs for the home with very little maintenance. Potagers can disguise their function of providing for a home in a wide array of forms - from the carefree style of the cottage garden to the formality of a knot garden.

Einführung in CSS

```css
body {
 font-family: Arial, Verdana, sans-serif;}


h1, h2 {
 color: #ee3e80;}


p {
 color: #665544;}
```

Einführung in CSS

Verwendete Schriftart ändern

```css
body {
 font-family: Arial, Verdana, sans-serif;}


h1, h2 {
 color: #ee3e80;}


p {
 color: #665544;}
```

Einführung in CSS

```css
body {
 font-family: Arial, Verdana, sans-serif;}
```

Farbe der Überschriften ändern

```css
h1, h2 {
 color: #ee3e80;}


p {
 color: #665544;}
```

Einführung in CSS

```css
body {
 font-family: Arial, Verdana, sans-serif;}


h1, h2 {
 color: #ee3e80;}
```

Farbe der Absätze ändern
```css
p {
 color: #665544;}
```

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Externes CSS verwenden

```html
<html>
 <head>
  <title>Using External CSS</title>
  <link href="css/styles.css"
    type="text/css"
    rel="stylesheet">
 </head>
 <body>
  <h1>Potatoes</h1>
  <p>There are dozens of...</p>
 </body>
</html>
```

HTML

Internes CSS verwenden

```
<head>
 <title>Using Internal CSS</title>
 <style type="text/css">
   body {
    font-family: arial;
    background-color: #rgb(185,179,175);}
   h1 {
    color: rgb(255,255,255);}
 </style>
</head>
```

CSS Selektoren

Universal	`* {}`
Element	`h1, h2, h3 {}`
Class	`.note {}` `p.note {}`
ID	`#introduction {}`

CSS Selektoren

Kind	`li>a {}`
Nachkomme	`p a {}`
angrenzende Geschwister	`h1+p {}`
Alle Geschwister	`h1~p {}`

Wie CSS Regeln kaskadieren:

```css
* {
  font-family: Arial;
  color: #333333;}

h1 {
  font-family: "Courier New", monospace;}

i {color: green;}
i {color: red;}

p b {color: blue !important;}
p b {color: violet;}
```

Potatoes

There are *dozens* of different **potato** varieties.

They are usually described as early, second early and maincrop potatoes.

Vererbung

```css
body {
  font-family: Arial, sans-serif;
  color: #665544;
  padding: 10px;}

.page {
  border: 1px solid #665544;
  background-color: #efefef;
  padding: inherit;}
```

Potatoes

There are dozens of different potato varieties.

They are usually described as early, second early and maincrop potatoes.

Warum externe Stylesheets verwenden

Die gleichen CSS Regeln können für mehrere Webseiten verwendet werden.

Warum externe Stylesheets verwenden

Die CSS Regeln müssen bei einer Änderung nicht in jede Webseite kopiert werden.

Warum externe Stylesheets verwenden

Änderungen am CSS gelten immer für die komplette Webseite.

Warum externe Stylesheets verwenden

Schnellere Download-Zeiten.
Das Stylesheet wird nur einmal
geladen und im Cash des
Browsers gespeichert.

Warum externe Stylesheets verwenden

Mehrere Personen können einfacher neue Webseiten im selben Styl erstellen.

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