

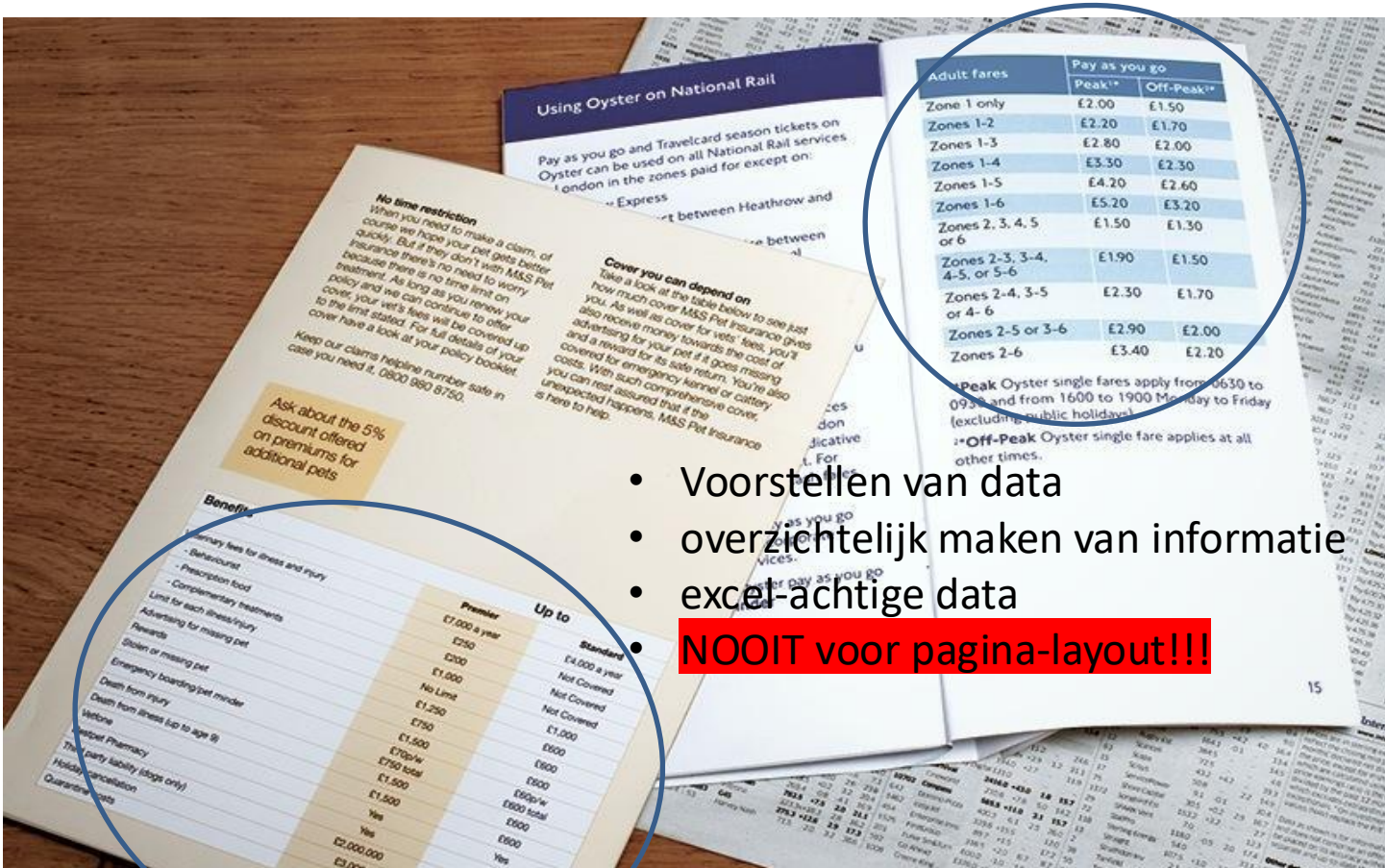
# Web Essentials





HTML TABELLEN

# WAT IS EEN TABEL?



- Voorstellen van data
- overzichtelijk maken van informatie
- excel-achtige data
- **NOOIT voor pagina-layout!!!**

<table>

CHOOSE YOUR PLAN		WE RECOMMEND	
TRY IT			
SPACE	100MB	500MB	1000MB
FTP USERS	2	5	7
DATABASES	1	5	10
FREE DOMAIN	1	1	1
24/7 SUPPORT	✗	✓	✓
CUSTOM EMAILS	✗	✗	✓
Let's Go		Let's Go	Let's Go

Flat pricing table

Source: Monday Flight on Envato

<table> - <tr> - <td>

CHOOSE YOUR PLAN	0\$ /MONTH TRY IT	WE RECOMMEND 9\$ /MONTH BASIC	25\$ /MONTH PRO
SPACE	100MB	500MB	1000MB
FTP USERS	2	5	7
DATABASES	1	5	10
FREE DOMAIN	1	1	1
24/7 SUPPORT	✖	✓	✓
CUSTOM EMAILS	✖	✖	✓
	Let's Go	Let's Go	Let's Go

Flat pricing table

(ip v t d) |

CHOOSE YOUR PLAN

	0\$ /MONTH	9\$ /MONTH	25\$ /MONTH
SPACE	100MB	60GB	100GB
FTP USERS	2	5	7
DATABASES	1	5	10
FREE DOMAIN	1	1	1
24/7 SUPPORT	✖	✓	✓
CUSTOM EMAIL	✖	✓	✓

Let's Go

### Flat pricing table

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico
Ernst Handel	Roland Mendel	Austria
Island Trading	Helen Bennett	UK
Laughing Bacchus Winecellars	Yoshi Tannamuri	Canada
Magazzini Alimentari Riuniti	Giovanni Rovelli	Italy

# TABEL BIJSCHRIFT

<caption>

CHOOSE YOUR PLAN		WE RECOMMEND	
TRY IT		BASIC	PRO
SPACE	100MB	500MB	1000MB
FTP USERS	2	5	7
DATABASES	1	5	10
FREE DOMAIN	1	1	1
24/7 SUPPORT	✗	✓	✓
CUSTOM EMAILS	✗	✗	✓
Let's Go		Let's Go	Let's Go

Flat pricing table

# BASIS TABEL STRUCTUUR

```
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>90</td>
  </tr>
</table>
```

15	15	30
45	60	45



# <thead>, <tbody>, <tfoot>

<thead>

<tbody>

<tfoot>

CHOOSE		WE RECOMMEND	
YOUR PLAN		TRY IT	
SPACE	100MB	500MB	1000MB
FTP USERS	2	5	7
DATABASES	1	5	10
FREE DOMAIN	1	1	1
24/7 SUPPORT	✕	✓	✓
CUSTOM EMAILS	✕	✕	✓
Let's Go		Let's Go	Let's Go

Flat pricing table

# TABEL SECTIES

```
<thead>
  <tr>
    <th>Date</th>
    <th>Income</th>
    <th>Expenditure</th>
  </tr>
</thead>

<tbody>...</tbody>

<tfoot>...</tfoot>
```

Date	Income	Expenditure
1st January	250	36
2nd January	285	48
3rd January	260	42
4th January	290	38
5th January	310	115
6th January	168	14
7th January	226	20
8th January	253	37
9th January	294	33
10th January	216	46
11th January	244	29
12th January	297	32
13th January	328	86
14th January	215	38
15th January	254	30
16th January	256	27
17th January	311	68
18th January	212	39
19th January	234	36
20th January	221	43
21st January	259	38
22nd January	246	31
23rd January	248	17
24th January	229	45
25th January	263	34
26th January	258	41
27th January	283	22
28th January	256	30
29th January	278	47
30th January	251	15
31st January	129	64
	7824	1241

# TABEL HEADINGS & SCOPES

```
<table>
  <tr>
    <th></th>
    <th scope="col">Saturday</th>
    <th scope="col">Sunday</th>
  </tr>
  <tr>
    <th scope="row">Tickets sold</th>
    <td>120</td>
    <td>135</td>
  </tr>
</table>
```

	Saturday	Sunday
Tickets sold:	120	135

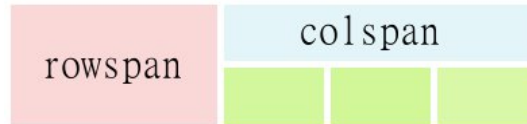
# CELLEN SAMENVOEGEN

## rowspan, colspan

elke rij en elke kolom moeten respectievelijk  
evenveel cellen bevatten

rowspan : 1 cel uitspreiden over meerdere rijen

colspan: 1 cel uitspreiden over meerdere kolommen



# MEERDERE KOLOMMEN

...

```
<tr>
```

```
  <th>Monday</th>
```

```
  <td colspan="2">Geography</td>
```

```
  <td>Math</td>
```

```
  <td>Art</td>
```

```
</tr>
```

...

	9am	10am	11am	12am
Monday	Geography		Math	Art

# MEERDERE RIJEN

...

```
<tr>
  <th>6pm - 7pm</th>
  <td rowspan="2">Movie</td>
  <td>Comedy</td>
  <td>News</td>
</tr>
<tr>
  <th>7pm - 8pm</th>
  <td>Sport</td>
  <td>Current Affairs</td>
</tr>
```

6pm - 7pm	Movie	Comedy	News
7pm - 8pm		Sport	Current Affairs

# Mobile Website

Activity	Task Tracker	Calendar	Resource Planning	Time & Expenses	Files
Task Info	Search	From	To	Spread	Task
Blog	Context	Unassigned	Completed		
Social Media	Context	Unassigned	Completed		
Write 7 posts	Context	Maggie Sheldon	Completed	Jan 1, 2015	
Review & edit	Context	Shane Henderson	Completed	Jan 1, 2015	
Design Graphics	Design	Shane Henderson	Completed	Jan 1, 2015	
Deploy	Context	Shane Henderson	Completed	Jan 1, 2015	
Landing Page	Development	Maggie Sheldon	Completed	Jan 1, 2015	
Interstitial	Design	Graham Lockhead	Completed	Jan 1, 2015	
Webinar	Context	Graham Lockhead	Completed	Jan 1, 2015	
Script Development	Context	Maggie Sheldon	Completed	Jan 1, 2015	
Create Video	Context	Maggie Sheldon	Completed	Jan 1, 2015	

ID	Actions	Name	Username	Email	Address1
1	<a href="#">Add</a> <a href="#">Delete</a>	Leanne Graham	Bret	Sincere@april.biz	Kulas Light, Apt. 538
2	<a href="#">Add</a> <a href="#">Delete</a>	Ervin Howell	Antonette	Shenna@melissa.fr	Victor Plains, Suite 879
3	<a href="#">Add</a> <a href="#">Delete</a>	Clementine Bauch	Samantha	Nathan@yesenia.net	Douglas Extension, Suite 84
4	<a href="#">Add</a> <a href="#">Delete</a>	Patricia Lebsack	Karinae	Julianne.O'Conner@kory.org	Hoeger Mall, Apt. 692
5	<a href="#">Add</a> <a href="#">Delete</a>	Cheryl Dietrich	Kahnest	Lucia_Hettinger@anne.ca	Skiles Walks, Suite 251
6	<a href="#">Add</a> <a href="#">Delete</a>	Mrs. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@gasper.info	Neiberto Crossing, Apt. 950
7	<a href="#">Add</a> <a href="#">Delete</a>	Kurtis Wiegman	Elwyn_Skiles	Telly_Hoeger@tolly.biz	Ree Trail, Suite 280
8	<a href="#">Add</a> <a href="#">Delete</a>	Mr. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@gasper.info	Neiberto Crossing, Apt. 950
9	<a href="#">Add</a> <a href="#">Delete</a>	Mr. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@gasper.info	Neiberto Crossing, Apt. 950
10	<a href="#">Add</a> <a href="#">Delete</a>	Mr. Dennis Schulist	Leopoldo_Corkery	Karley_Dach@gasper.info	Neiberto Crossing, Apt. 950

## TABELLEN EN CSS

Select One

Free Choose Plan

Basic Choose Plan

Plus

Monthly Subscription

\$0/month

\$10/month

Unlimited \$99

Plus \$59 per month

Pro \$29 per month

COMPREHENSIVE OUR BEST COVERAGE

THIRD PARTY PROPERTY DAMAGE OUR MOST ECONOMICAL

Damage to someone else's vehicle or property Up to \$20 million

Damage to your car if it's your fault Up to your chosen Amount Covered

Damage caused by hail, storm and flood Up to your chosen Amount Covered

Damage to someone else's vehicle or property Up to \$20 million

No cover for damage to your car if it's your fault

No cover for damage caused by hail, storm and flood

Most Popular \$29

STARTER \$9

FREE \$0

E.V.

MARGIN

VOTE MARGIN

EST. REPORTED

Ariz. > 11 Biden +0.31 +10,457 >98%

Ga. > 16 Biden +0.25 +12,670 >98%

Mich. > 16 Biden +3 +154,188 >98%

Minn. > 10 Biden +7 +233,112 >98%

Nev. > 6 Biden +2 +33,596 >98%

Inventory tracking

Discount codes

# CSS ALGEMEEN

## CSS

```
body {
  font-family: Arial, Verdana, sans-serif;
  color: #111111;}
table {
  width: 600px;}
th, td {
  padding: 7px 10px 10px 10px;}
th {
  text-transform: uppercase;
  letter-spacing: 0.1em;
  font-size: 90%;
  border-bottom: 2px solid #111111;
  border-top: 1px solid #999;
  text-align: left;}
tr.even {
  background-color: #efefef;}
tr:hover {
  background-color: #c3e6e5;}
.money {
  text-align: right;}
```

## First Edition Auctions

AUTHOR	TITLE	RESERVE PRICE	CURRENT BID
E.E. Cummings	Tulips & Chimneys	\$2,000.00	\$2,642.50
Charles d'Orleans	Poemes		\$5,866.00
T.S. Eliot	Poems 1909 - 1925	\$1,250.00	\$8,499.35
Sylvia Plath	The Colossus		\$1031.72

Dit kan ook handiger:

```
tr:nth-of-type(even) {
  ...
}
```



# nth-child() & nth-of-type()

## nth-child

### structuur

### voorbeeld

`:nth-child(number)`



`li:nth-child(1)`

`:nth-child(odd)`



`tr:nth-child(odd)`

`:nth-child(even)`



`.gallery li:nth-child(even)`

`:nth-child(an + b)`



`.product:nth-child(3n)`

3de, 6de, 9de, 12de, ..



`.product:nth-child(3n + 1)`

1ste, 4de, 7de, 10de

## :nth-of-type

Werkt op dezelfde manier maar houdt ook rekening met welke html-element het is

# RUIMTE TUSSEN CELLEN

## HTML

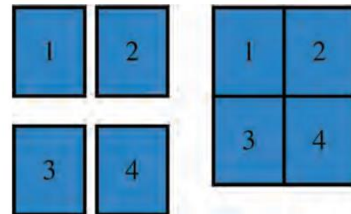
chapter-14/gaps-between-cells.html

```
<table class="one">
  <tr>
    <td>1</td>
    <td>2</td>
  </tr>
  <tr>
    <td>3</td>
    <td>4</td>
  </tr>
</table>
```

## CSS

```
td {
  background-color: #0088dd;
  padding: 15px;
  border: 2px solid #000000;}
table.one {
  border-spacing: 5px 15px;}
table.two {
  border-collapse: collapse;}
```

border-spacing  
border-collapse



# RUIMTE TUSSEN CELLEN

`table-layout: fixed;`

CSS Demo: table-layout

RESET

```
table-layout: auto;  
width: 150px;
```

```
table-layout: fixed;  
width: 150px;
```

```
table-layout: auto;  
width: 100%;
```

```
table-layout: fixed;  
width: 100%;
```

Name	Location
Lion	Africa
Norwegian Lemming	Europe
Seal	Antarctica
Tiger	Asia

# TABEL BIJSCHRIFT

caption-side: top | bottom

Openingsuren Postkantoor

	OPENINGSUREN	
Maandag	10-12	14-16
Dinsdag	gesloten	14-16
Woensdag	9-18	
Donderdag	gesloten	14-20
Vrijdag	10-12	gesloten
Zaterdag	gesloten	
zondag		

	OPENINGSUREN	
Maandag	10-12	14-16
Dinsdag	gesloten	14-16
Woensdag	9-18	
Donderdag	gesloten	14-20
Vrijdag	10-12	gesloten
Zaterdag	gesloten	
zondag		

Openingsuren Postkantoor



HTML FORMULIEREN

# WAAROM FORMULIEREN?



A QUESTION OR NEED SOME INFORMATION?

Stap 1: Algemene Info

Stap 1   Stap 2   Stap 3

Voornaam\*

Achternaam\*

Straat\*

Nr\*

Bus

Postcode\*

Gemeente\*

Land\*

Telefoon\*

Email\*

In deze stap vul je de gegevens van de inschrijver in.  
Dit kan één van de ouders zijn (voor de kinderen) of de danser zelf.

In de volgende stap kan je dan 1 of meerdere dansers toevoegen.

[Volgende](#)

(\*) Verplichte velden

108 RESULTATEN GEVONDEN

Antwerpen (2000)

Antwerpen (2018)

Antwerpen (2060)

Antwerpen (2660)

Belsele (9111)

Weergave

## Download de whitepaper

Stijn

Naam\*

Bedrijf\*

E-mailadres\*

☐ Ik ga akkoord met de [privacy policy](#).

[Download whitepaper](#)



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- ☐ I agree to the [Privacy Policy](#)

NAME\*

PHONE

COMPANY

EMAIL\*

YOUR MESSAGE\*

Betaald werk, werk zoeken, naar school, cursussen en opleidingen

Betaald werk (alle werktaken inclusief telefoneren,...)

000 Betaald werk

001 Betaald overwerk

002 Onbetaald overwerk

003 Verplaatsing als onderdeel van het werk

01 Pauze, wachttijden en lunchpauze

02 Voeg een activiteit toe...

CANCEL

PREVIOUS

SAVE

# WERKING VAN FORMULIEREN

VOTE FOR YOUR FAVORITE JAZZ  
MUSICIAN OF ALL TIME

Username:

I vote for:

- ☐ Ella Fitzgerald
- ☒ Herbie Hancock
- ☐ John Coltrane
- ☐ Miles Davis
- ☐ Thelonius Monk

**1: User fills in form and presses button to submit info to server**


# WERKING VAN FORMULIEREN

VOTE FOR YOUR FAVORITE JAZZ  
MUSICIAN OF ALL TIME

Username:

I vote for:

- ☐ Ella Fitzgerald
- ☒ Herbie Hancock
- ☐ John Coltrane
- ☐ Miles Davis
- ☐ Thelonius Monk




**2: Name of each form control sent with value user entered**

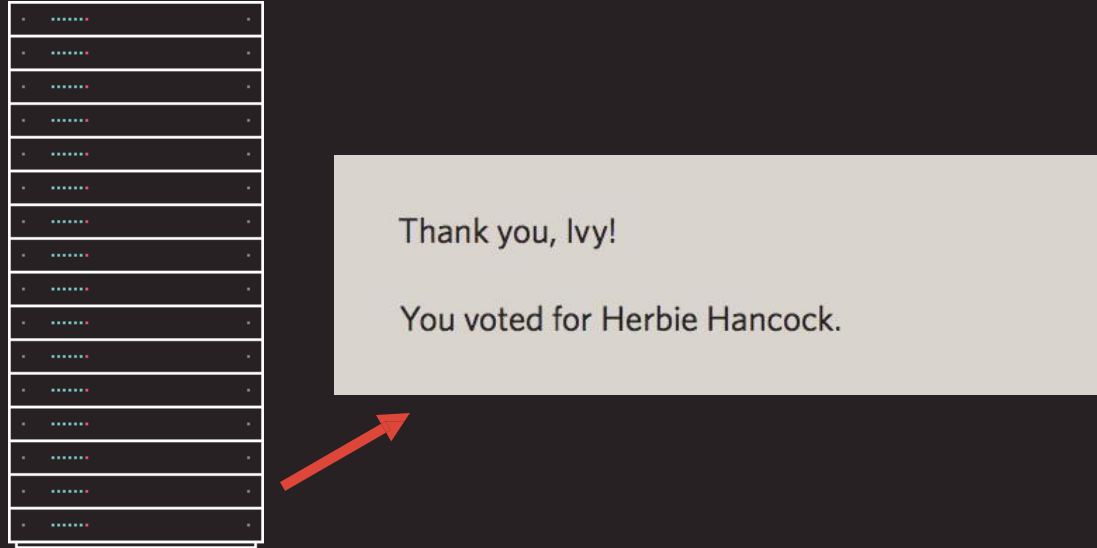


# WERKING VAN FORMULIEREN

1	*****	1
2	*****	2
3	*****	3
4	*****	4
5	*****	5
6	*****	6
7	*****	7
8	*****	8
9	*****	9
10	*****	10
11	*****	11
12	*****	12
13	*****	13
14	*****	14
15	*****	15
16	*****	16
17	*****	17
18	*****	18
19	*****	19
20	*****	20

**3: Server processes information using programming language**

# WERKING VAN FORMULIEREN



**4: Server creates new page to send back to the browser based on info received**

# NAAM & WAARDE

NAME  
username = Ivy  
VALUE

The diagram shows the text 'username = Ivy' in orange. A white bracket is positioned above 'username' with a vertical line pointing to the word 'NAME' in orange above it. Another white bracket is positioned below 'Ivy' with a vertical line pointing to the word 'VALUE' in teal below it.

# FORMULIER STRUCTUUR

HTML

```
<form  
    action="/join.php"    method="get">
```

This is where the code for the form needs to be

```
</form>
```

method: get or post

# TEXT INPUT

HTML

```
<form  
  action="http://example.com/join.php">  
  
  <label>Username:</label>  
  <input type="text" name="username"  
        size="15" maxlength="30">  
  
</form>
```

Username:

# PASSWORD

```
<p><label>Username:
  <input type="text" name="username"
        size="15" maxlength="30">
</label></p>
```

HTML

```
<p> <label> Password:
  <input type="password" name="password"
        size="15" maxlength="30">
<label> </p>
```

Username:

Password:

# SUBMIT BUTTON

HTML

```
<form action="/email.php">  
  <label>Subscribe to our email  
  list:<br>  
    <input type="text" name="email">  
</label>
```

```
  <input type="submit"  
    value="Subscribe">
```

```
</form>
```

Subscribe to our email list:

Subscribe

# RESET BUTTON

HTML

```
<input type="reset"  
      value="Maak formulier leeg">
```

- Gebruik enkel indien strikt noodzakelijk
- Een klik op deze knop zet alle formulervelden weer op default
- Ziet eruit als een gewone knop/button
- Gebruik CSS om duidelijk het verschil aan te geven met submit-knop



# HTML BUTTON

```
<form action="somepage.php">
```

HTML

```
<button>Click me :)</button>
```

```
<button>
```

```

```

```
</button>
```

**Button**

```
</form>
```

Click me :)

+ Add

# TEXTAREA

HTML

```
<p>What did you think of this gig?</p>
```

```
<textarea name="comments"
  cols="20" rows="4">
  Enter your comments...
</textarea>
```

What did you think of this gig?

Enter your comments...



# GROEPEREN VAN ELEMENTEN

HTML

```
<fieldset>
  <legend>Contact details</legend>
  <label>Email:<br />
  <input type="text" name="email"></label>
  <br />
  <label>Mobile:<br />
  <input type="text" name="mobile"></label>
  <br />
  <label>Telephone:<br />
  <input type="text" name="tel"></label>
</fieldset>
```

**Contact details**  
Email:  
  
Mobile:  
  
Telephone:

# LABELS

HTML

```
<label for="username">Username:</label>  
<input id="username" type="text" name="username"  
      size="15" maxlength="30">
```

of

```
<label> Username:  
  <input id="username" type="text" name="username"  
        size="15" maxlength="30">  
</label>
```

# RADIO BUTTON

HTML

Gender:

```
<input id="female" type="radio"
      name="gender" value="f">
<label for="female">Female</label>
<input id="male" type="radio"
      name="gender" value="m">
<label for="male">Male</label>
```

Gender: ☐ Female ☐ Male

# RADIO BUTTONS

```
<fieldset>
```

```
  <legend>Your favorite genre:</legend>
```

```
  <input type="radio" name="genre" value="rock"
    id = "genre1">
  <label for="genre1">Rock</label>
```

```
  <input type="radio" name="genre" value="pop"
  id ="genre2">
  <label for="genre2">Pop</label>
```

```
  <input type="radio" name="genre" value="jazz"
  id ="genre3">
  <label for="genre3">Jazz</label>
```

```
</fieldset>
```

HTML

Your favorite genre

☒ Rock ☐ Pop ☐ Jazz

# CHECKBOX

HTML

```
<p>Your favorite music service:<br />
  <label><input type="checkbox" name="service"
    value="Tidal"
    checked> Tidal</label>

<label> <input type="checkbox" name="service"
  value="Qobuz"> Qobuz</label>

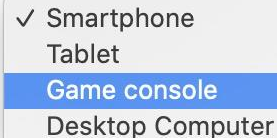
<label> <input type="checkbox" name="service"
  value="Spotify"> Spotify</label>
</p>
```

Your favorite music service:  
☒ Tidal ☐ Qobuz ☐ Spotify

# SELECT BOX DROPDOWN

HTML

```
<select name="devices">  
  
<option value="Smartphone" selected>  
Smartphone</option>  
<option value="tablet">Tablet</option>  
<option value="gameconsole">Game console</option>  
<option value="PC">Desktop Computer</option>  
  
</select>
```



- ✓ Smartphone
- Tablet
- Game console
- Desktop Computer



# DATALIST

HTML

```
<form action="somepage.php">
  <input list="browsers" name="browser">
  <datalist id="browsers">
    <option value="Microsoft Edge">
    <option value="Firefox">
    <option value="Chrome">
    <option value="Opera">
    <option value="Safari">
  </datalist>
</form>
```

## Datalist

What is your preferred browser?

Microsoft Edge

Firefox

Chrome

Opera

# FILE INPUT BOX

HTML

```
<form action="/upload"  
method="post">
```

```
<label>Upload your song in MP3 format:  
  <input type="file" name="user-song">  
</label>
```

```
<input type="submit" value="upload">
```

```
</form>
```

## File upload

Upload your song in MP3 format:  No file chosen

# HIDDEN FORM CONTROLS

```
<input type="hidden" name="category"  
value="jazz">
```

HTML

- info die de gebruiker niet kan/moet invullen maar die wel mee verstuurd moet worden
- voorbeelden
  - user tracking
  - SEA (zoek machine advertenties)
  - automatisch ingevulde velden adhv info uit databank

# FORMULIER VALIDATIE

HTML

```
<label for="username">Username:</label>  
<input type="text" name="username"  
  required>
```

```
<input type="submit" value="Submit">
```

Username

 Please fill in this field.

# DATE INPUT

HTML

```
<label for="date">Departure date:</label>
```

```
<input type="date" name="depart"  
      id="date">
```

```
<input type="submit" value="Submit">
```

Departure date:



# EMAIL & URL INPUT

HTML

```
<input type="email" name="email">
```

```
<input type="url" name="website">
```

Please enter your email address:

Please enter an email address.

Please enter your website address:

Please enter a URL.

# SEARCH & RANGE INPUT

HTML

```
<input type="search" name="search"
placeholder="Enter keyword">
```

**Search field**

Thelonious x

```
<label for="vol">Volume:</label>
<input type="range" id="vol" name="vol"
min="0" max="100">
```

**Range field**

Volume: 

# FIELD ATTRIBUTES

name

type

value

id

minlength

maxlength

placeholder

required

hidden

tabindex


disabled


readonly


autocomplete

autofocus




 Full Name


 Email Address


 Password


# CSS FOR FORMS


**Contact**  
&

 Name \*  
*Your Name*

 E-mail address \*  
*I promise I hate spam too!*

 Website  
*eg: http://www.example.com*

 Subject  
*What would you like to talk about?*

 Message \*  
*Your message here and I'll answer as soon as possible*

USERNAME  
james.bond

EMAIL  
james.bond@spectre.com

PASSWORD  
\*\*\*\*\*

REPEAT PASSWORD  
\*\*\*\*\*

REGISTER [I am already a member](#)

## Sign up

Username

E-mail

Password

Retype password

SIGN ME UP

OR

Sign in with social network

Log in with facebook

Log in with Twitter

Log in with Google+

Sign Up Log In

Sign Up for Free

First Name \* Last Name \*

Email Address \*

Set A Password \*

GET STARTED

# CSS ALGEMEEN

## CSS

chapter-14/styling-text-inputs.html

```
input {
  font-size: 120%;
  color: #5a5854;
  background-color: #f2f2f2;
  border: 1px solid #bdbdbd;
  border-radius: 5px;
  padding: 5px 5px 5px 30px;
  background-repeat: no-repeat;
  background-position: 8px 9px;
  display: block;
  margin-bottom: 10px;}
input:focus {
  background-color: #ffffff;
  border: 1px solid #b1e1e4;}
input#email {
  background-image: url("images/email.png");}
input#twitter {
  background-image: url("images/twitter.png");}
input#web {
  background-image: url("images/web.png");}
```



# CSS ALGEMEEN

## CSS

chapter-14/styling-fieldsets-and-legends.html

```
fieldset {  
  width: 350px;  
  border: 1px solid #dcdcdc;  
  border-radius: 10px;  
  padding: 20px;  
  text-align: right;}  
legend {  
  background-color: #efefef;  
  border: 1px solid #dcdcdc;  
  border-radius: 10px;  
  padding: 10px 20px;  
  text-align: left;  
  text-transform: uppercase;}
```

### NEWSLETTER

Name:

.....

Email:

.....

Subscribe

border-radius

# USER INTERACTIE

:hover, :active, :focus, :focus-visible

```
input {  
    padding: 6px 12px 6px 12px;  
    border: 1px solid #665544;  
    color: #ffffff;}  
  
.btn-submit:hover {  
    background-color: #665544;  
  
    cursor: pointer  
  
.btn-submit:active {  
    background-color:  
        chocolate;}  
  
.text-field {  
    color: #cccccc;}  
.text-field:focus {  
    color: #665544;}
```

CSS



The image shows a user interface element consisting of a text input field and a submit button. The text input field is a light gray rectangle with the placeholder text "Enter email address...". To its right is a dark brown rectangular button with the text "Submit" in white. A white mouse cursor icon is positioned over the "Submit" button, indicating it is being clicked.

# USER INTERACTIE

- `:checked`
- `:required`
- `:optional`
- `:valid`
- `:invalid`
- `:readonly`
- `:enabled`
- `:disabled`
- for radio, checkbox & option
- required fields
- optional fields
- valid input
- invalid input
- fields with readonly attribute
- fields without disabled attribute
- fields with disabled attribute

DIT IS OOK BRUIKBAAR ALS CSS PSEUDO-CLASS



AUDIO & VIDEO

# USING HOSTED VIDEO SERVICES

Youtube - Vimeo

## ADVANTAGES

Easy to upload (no encoding required)

Do not pay for bandwidth used

## DISADVANTAGES

Not exclusive to your web site

No ads allowed on some sites

Some insert own ads before content


## ALTERNATIVE

Host your own video

HTML `<video>` element

# YOUTUBE VIDEO

<iframe> aanmaken op  
<https://youtube.com> en insluiten in je  
code



The video player shows a black and white clip of a person riding a horse, with the HBO logo in the top right corner. A play button is visible in the center of the video frame.

Embed Video ×

```
<iframe width="560" height="315"
src="https://www.youtube.com/embed/elkHuRROPtk?
rel=0&showinfo=0" frameborder="0"
gesture="media" allow="encrypted-media"
allowfullscreen></iframe>
```

☐ Start at 0:00

EMBED OPTIONS

COPY

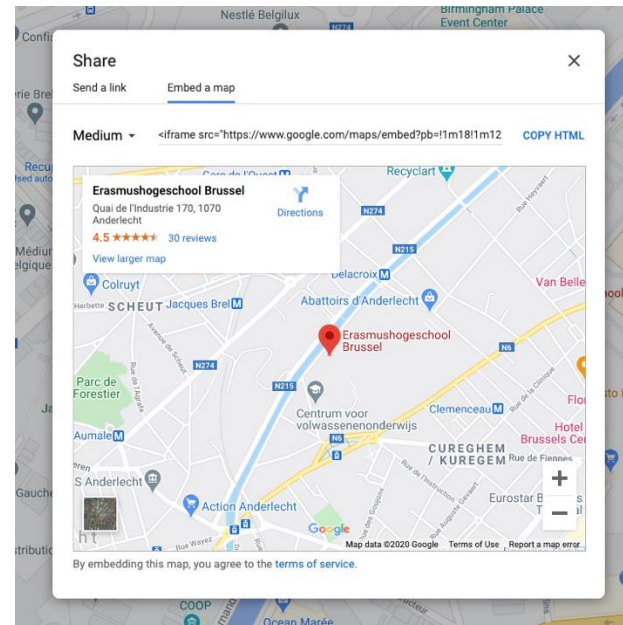


# IFRAME

<iframe

```
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d2519.4020374598654!2d4.320619316079361!3d50.84223897953135!2m3!1f0!2f0!3f0!3m2!1i1024!2i768!4f13.1!3m3!1m2!1s0x47c3c40f19faf0f9%3A0x4ef5b683135ecb1e!2sErasmushogeschool%20Brussel!5e0!3m2!1sen!2sbe!4v1608036038435!5m2!1sen!2sbe" width="600" height="450" frameborder="0" style="border:0;" allowfullscreen="" aria-hidden="false" tabindex="0"></iframe>
```

embed externe html



# ADDING EMBEDDED VIDEO



```
<video src="video/puppy.mp4" poster="images/puppy.jpg"
width="400" height="300" preload controls loop>
</video>
```



```
<video width="320" height="240" autoplay>
  <source src="movie.webm" type="video/webm">
  <source src="movie.mp4" type="video/mp4">
  <source src="movie.ogg" type="video/ogg">
  Your browser does not support the video tag.
</video>
```

# ADDING HTML5 AUDIO

```
<audio src="audio/test-audio.mp3" controls>
  <p>This browser does not support your audio format.</p>
</audio>
```

mp3 wordt  
door alle  
courante  
browsers  
ondersteund

```
<audio controls autoplay>
  <source src="audio/test-audio.ogg" type="audio/ogg" />
  <source src="audio/test-audio.mp3" type="audio/mpeg" />

  <p>This browser does not support your audio format.</p>
</audio>
```

