

CSS

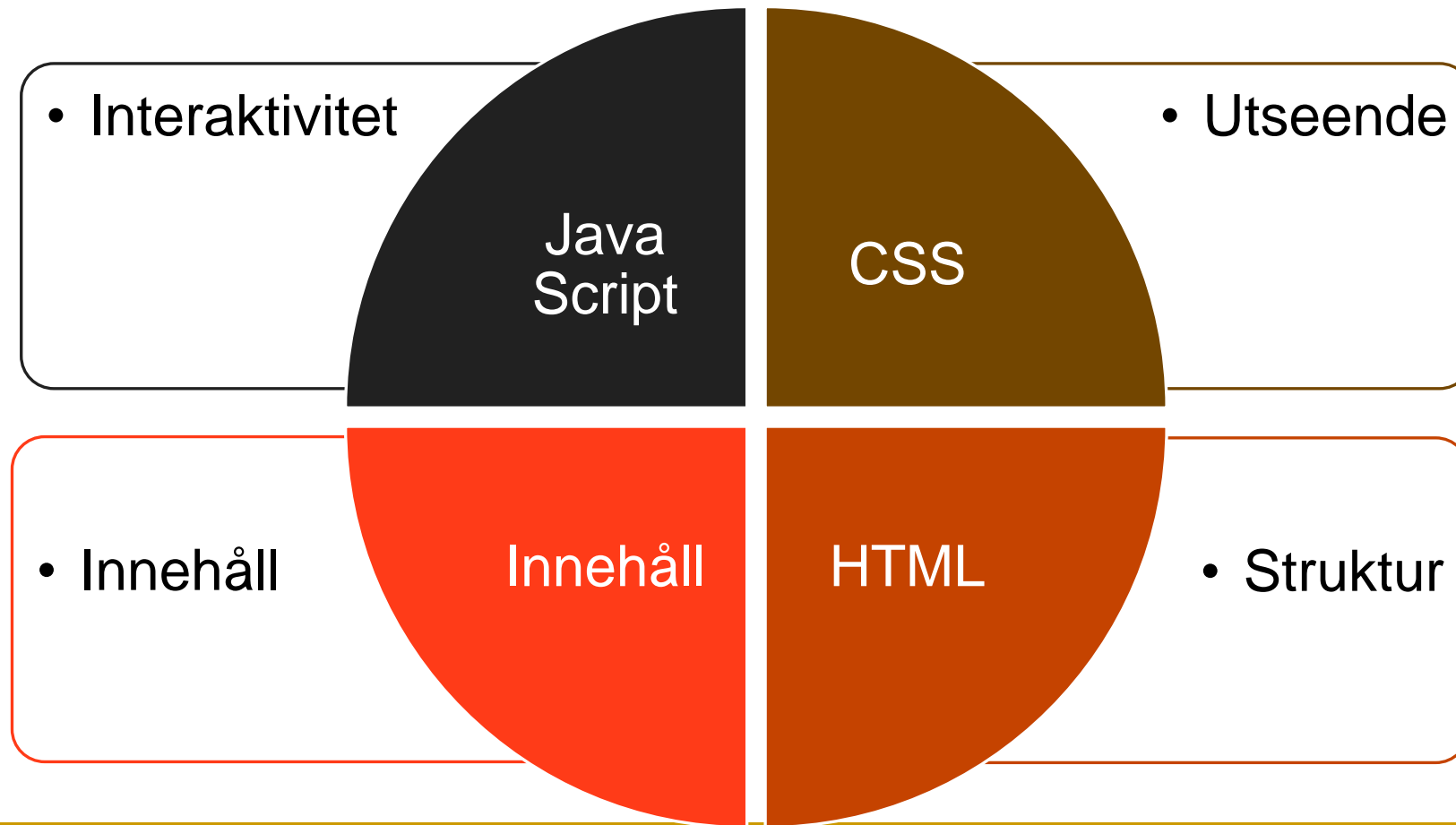
Dagens agenda

CSS

Lektion

- Box model
- Bilder och bakgrundsbilder, Listor
- Tabell och formulär

Vad består en webbplats av?

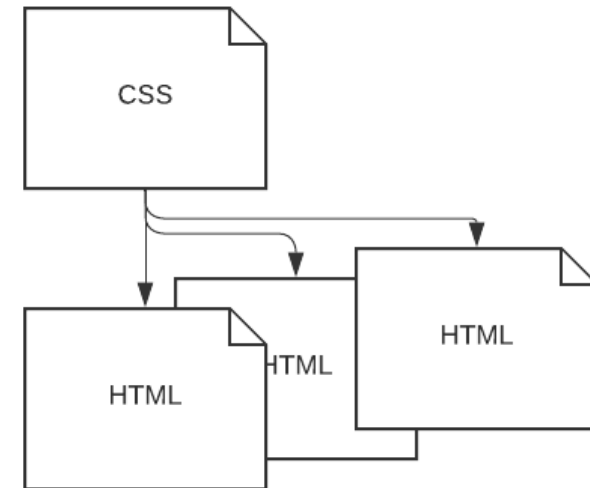


Vad är CSS?

- CSS står för "Cascading Style Sheets"
- CSS är ett språk som används för att få bättre kontroll över utseendet (formatering och layout) på webbsidor.
- CSS används tillsammans med HTML för att definiera hur innehållet ska presenteras!
- CSS 1 (1996)
- CSS 2 (1998)
- CSS 2.1 (2011)
- CSS 3 (Start 1999 -)

Varför CSS?

- CSS är en samling formateringsregler som styr utseendet på en eller flera webbsidor.
- Med CSS skiljer man mellan innehåll/struktur och utseende/presentation.
- Med CSS får du bättre kontroll över layout, teckensnitt, färg, bakgrund och mycket mer!
- Man får renare HTML-dokument som är lättare att felsöka och är oftast tillgängliga/sökmotorvänliga!



Skapa en CSS-Regel

Syntax

```
selektor {  
    egenskap: värde;  
    egenskap: värde;  
    ...  
}
```

Exempel

```
body {  
    color: green;  
}
```

Koppla HTML och CSS

Metod 1: **Extern CSS** (separat CSS-fil)

- Skriv CSS-reglerna i en separat CSS-fil (t.ex. style.css)
- Länka till CSS-filen med hjälp av en taggen **<link>**

index.html

```
<head>
  <title>Extern CSS</title>
  <link href="style.css" rel="stylesheet">
</head>

<body>
  Lorem ipsum dolor sit amet, consectetur
  adipiscing elit...
</body>
```

style.css

```
body {
  color: red;
}
```

Koppla HTML och CSS

Metod 2: Intern CSS (i head)

Skriv CSS-reglerna i dokumenthuvudet i taggen **<style>**

```
<head>
  <title>CSS</title>
  <style>
    body {
      color: red;
    }
  </style>
</head>
<body>
  Lorem ipsum dolor sit amet, consectetur adipisicing elit...
</body>
```


Koppla HTML och CSS

Metod 3: Inline CSS (inne i HTML-taggar)

Inline CSS innebär att man skriver CSS-egenskaper direkt i HTML-taggar med hjälp av attributet style.

```
<p style="color:blue;">
```

```
    Lorem ipsum dolor sit amet, consectetur adipiscing elit...
```

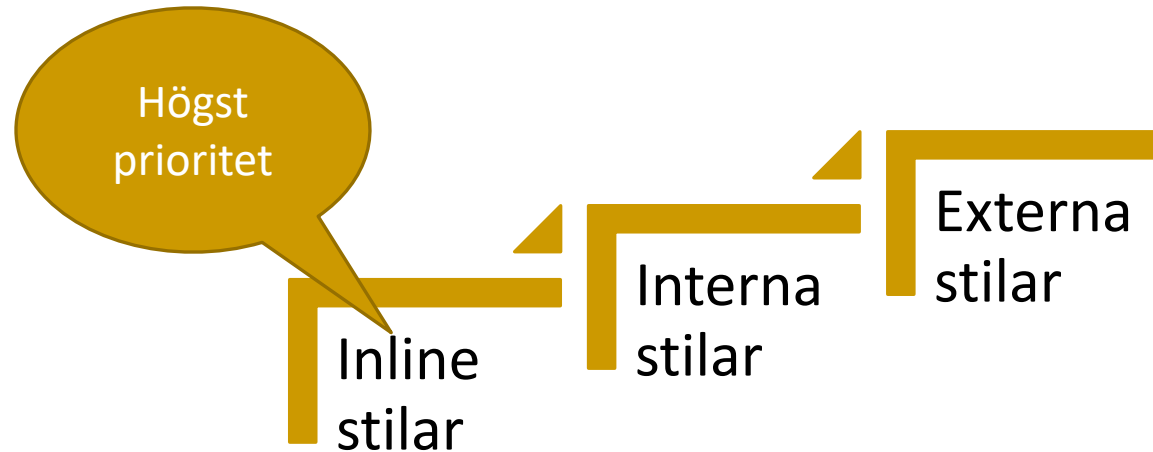
```
</p>
```

Vad betyder Cascading?

- Cascading innebär att stilmallar kan överlappa varandra!
- Ibland kan flera egenskaper säga emot varandra.
- För att lösa detta behöver webbläsaren följa en ”kaskadordning”.
- Kaskadordningen anger i vilken ordning olika egenskaper ska gälla.

Kaskadordning

- Webbläsaren läser in ett HTML-dokument uppifrån och ned!
- CSS-egenskaper som läses in sist har högre prioritet!
- OBS! Länken (link-taggen) till externa mallar som placeras nedanför interna mallar (style-taggen) har högre prioritet.

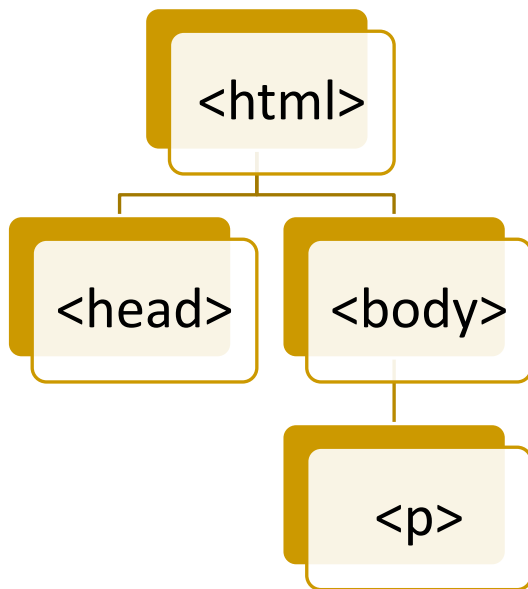


Arv (Inheritance)

Arv är en viktig princip i CSS

Ett "barn-element" är ett element som skrivs inuti ett annat element.

Barn-element ärver förälderns egenskaper.



```
body {  
  color: green;  
}
```

<p> ärver egenskapen color från body

CSS-Selektorer

Selector	Example	Example description
<u>.class</u>	.intro	Selects all elements with class="intro"
.class1.class2	.name1.name2	Selects all elements with both <i>name1</i> and <i>name2</i> set within its class attribute
.class1 .class2	.name1 .name2	Selects all elements with <i>name2</i> that is a descendant of an element with <i>name1</i>
<u>#id</u>	#firstname	Selects the element with id="firstname"
<u>*</u>	*	Selects all elements
<u>element</u>	p	Selects all <p> elements
<u>element.class</u>	p.intro	Selects all <p> elements with class="intro"
<u>element,element</u>	div, p	Selects all <div> elements and all <p> elements
<u>element element</u>	div p	Selects all <p> elements inside <div> elements
<u>element>element</u>	div > p	Selects all <p> elements where the parent is a <div> element
<u>element+element</u>	div + p	Selects the first <p> element that is placed immediately after <div> elements
<u>element1~element2</u>	p ~ ul	Selects every element that is preceded by a <p> element
<u>[attribute]</u>	[target]	Selects all elements with a target attribute

CSS klasser

- Du kan dela in dina regler i olika klasser.
- Med klasser specificerar man en regel som kan återanvändas.
- En klass kan användas i valfritt HTML-element.

Arbeta med CSS-klasser

```
<head>
  <style>
    .text-center {
      text-align: center;
    }
  </style>
</head>
<body>
  <h1 class="text-center">Rubrik</h1>
  <p class="text-center"> Lorem ipsum dolor
sit amet consectetur adipisicing elit...</p>
</body>
```

Namngivning av CSS-klasser

Ge dina klasser tydliga namn.

Klasser ska beskriva vart den används och vad den gör.

CamelCase och understreck används inte i CSS, så följande namn är inte bra:

textCenter eller **text_center**

Använd bindestreck (hyphen) mellan dina ord t.ex.

.text-center

.text-right

.page-title

Att skriva på detta sätt kallas kebab-case.

Textjustering

```
h1 {  
    text-align: center;  
}  
h2 {  
    text-align: right;  
}  
p {  
    text-align: justify;  
}
```

CSS Färger

RGB VALUES

Values for red, green, and blue are expressed as numbers between 0 and 255.



`rgb(102,205,170)`

HEX CODES

Hex values represent values for red, green, and blue in hexadecimal code.



`#66cdaa`

COLOR NAMES

Colors are represented by predefined names. However, they are very limited in number.



`MediumAquaMarine`

CSS Färger – Exempel

```
/* color name */
h1 {
    color:darkgray;
}
/* hex code */
h2 {
    color: #2c0dc7;
}
/* rgb value */
p {
    color: rgb(42, 159, 34);
}
```

Bakgrundsfärger

```
h1 {  
    background-color: darkgrey;  
    color: rgb(147, 211, 223);  
}
```

Arbeta med teckensnitt

```
body {  
    font-family: Georgia,  
    Times, serif;  
}
```

```
h1,h2 {  
    font-family: Arial,  
    Verdana, sans-serif;  
}
```

SERIF

Serif fonts have extra details on the end of the main strokes of the letters.

EXAMPLES:

Georgia

Times

Times New Roman

SANS-SERIF

Sans-serif fonts have straight ends to letters and therefore have a much cleaner design.

EXAMPLES:

Arial

Verdana

Helvetica

Teckensnitt – Flera familjer

MONOSPACE

Every letter in a monospace typeface is the same width. (Non-monospace fonts have different widths.)

EXAMPLES:

Courier

Courier New

CURSIVE

Cursive fonts either have joining strokes or other cursive characteristics, such as handwriting styles.

EXAMPLES:

Comic Sans MS

Monotype Corsiva

FANTASY

Fantasy fonts are usually decorative fonts and are often used for titles. They're not designed for long bodies of text.

EXAMPLES:

Impact

Haettenschweiler

Teckenstorlek – Olika enheter

PIXELS

h132px

h224px

h318px

body16px

=

PERCENTAGES

h1200%

h2150%

h3133%

body100%

=

EMS

h12em

h21.5em

h31.125em

body100%

p1em

Teckenstorlek – Exempel

```
body {  
    font-size: 12px;  
}  
h1 {  
    font-size: 200%;  
}  
h2 {  
    font-size: 1.3em;  
}
```


Fet och kursiv

```
.info {  
    font-weight: bold;  
}
```

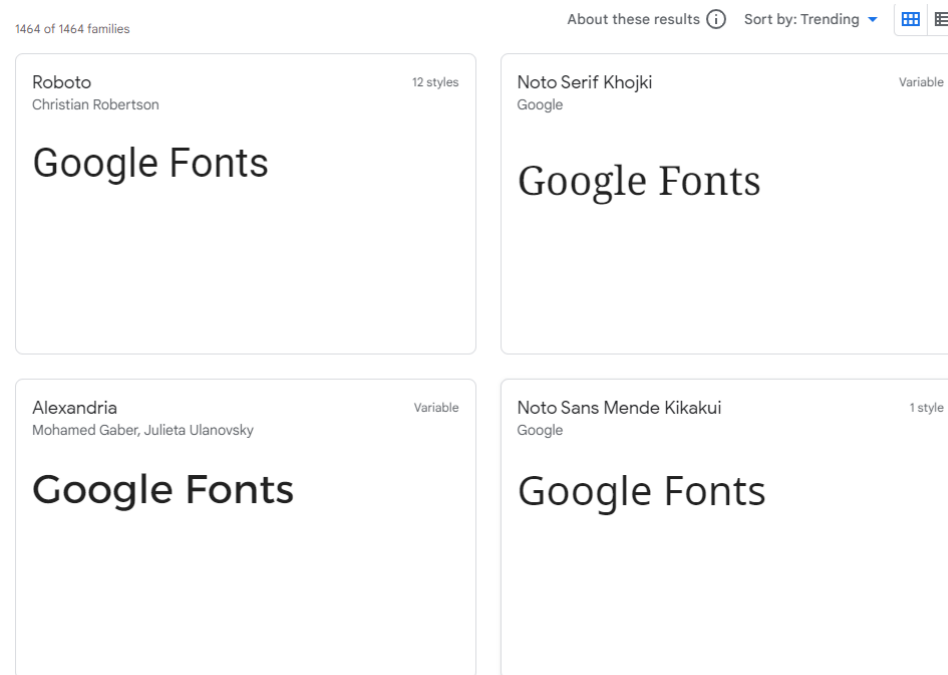
```
.creds{  
    font-style: italic;  
}
```

Övning

- Skapa ett HTML -dokument som innehåller 3 stycken (p)
- Skapa en CSS -regel som formaterar p enligt följande: Verdana, 0.75em.
- Skapa en CSS -klass som formaterar texten enligt följande: Arial, fetstil, 1em.
- Namnge klassen som ingress.
- Koppla klassen ingress till det första stycket i dokumentet!

Google Fonts

Google Fonts är en gratis tjänst som erbjuder icke-standard typsnitt som enkelt kan användas på webbsidor.



[Browse Fonts - Google Fonts](#)

Text-transform

```
h1 {  
    text-transform: uppercase;  
}  
h2 {  
    text-transform: capitalize;  
}  
h3 {  
    text-transform: lowercase;  
}
```

Radavstånd

```
p{  
  line-height: 2em;  
}
```

Rubrik

Lorem ipsum dolor sit amet consectetur adipisicing elit. Deleniti magnam esse iure tempora numquam ea consectetur libero quo odio quam error quae suscipit quas similique mollitia dolores, veritatis laudantium praesentium.

First-letter och First-line

```
p::first-letter {  
    font-size: 200%;  
}
```

```
p::first-line {  
    font-weight: bold;  
}
```

Formatera länkar

```
    /* unvisited link */  
a:link {  
    color: red;  
}  
    /* visited link */  
a:visited {  
    color: green;  
}
```

```
    /* mouse over link */  
a:hover {  
    color: hotpink;  
}  
    /* selected link */  
a:active {  
    color: blue;  
}
```

Text-decoration

```
h1 {  
    text-decoration: overline;  
}
```

```
a {  
    text-decoration: none;  
}
```

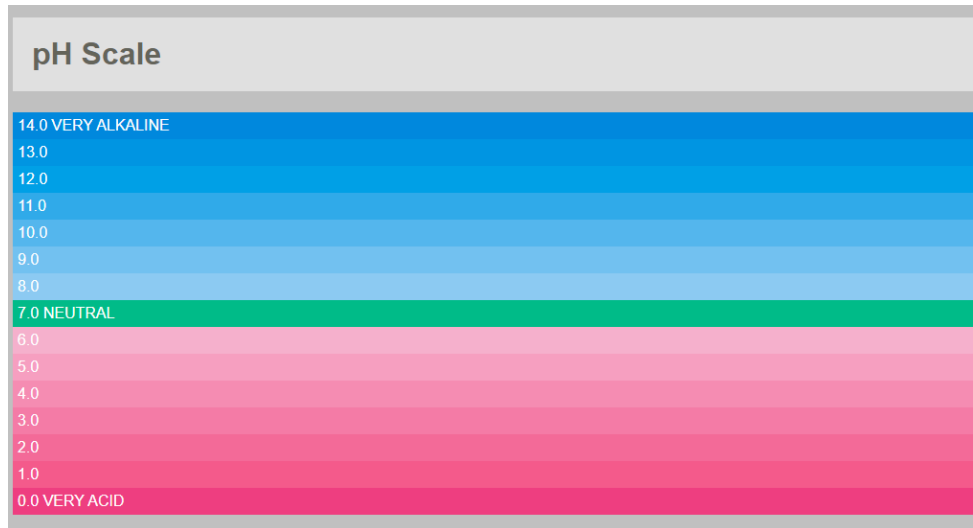
```
a:hover {  
    text-decoration: underline;  
}
```


Övning

1. Genom att använda HTML och CSS visa en hamburgermeny som övergår till en kryssknapp när du håller muspekaren
2. Genom att använda HTML och CSS skapa en interaktiv popout-meny på "hover"/fokus
3. Genom att använda HTML och CSS skapa en grupp av objekt där en tonas ut när objektet svävas över

Uppgift 1 – återskapa dessa exempel

Example color



Example text

Briards

A HEART WRAPPED IN FUR

The briard, or berger de brie, is a large breed of dog traditionally used as a herder and guardian of sheep.

Breed History

The briard, which is believed to have originated in France, has been bred for centuries to herd and to protect sheep. The breed was used by the French Army as sentries, messengers and to search for wounded soldiers because of its fine sense of hearing. Briards were used in the First World War almost to the point of extinction. Currently the population of briards is slowly recovering. Charlemagne, Napoleon, Thomas Jefferson and Lafayette all owned briards.

by Ivy Duckett

Lösning:

[Color \(htmlandcssbook.com\)](http://htmlandcssbook.com)

s. 257 i boken HTML & CSS

[Text \(htmlandcssbook.com\)](http://htmlandcssbook.com)

s. 293 i boken HTML & CSS

Summering

CSS text och färg

Instuderingsfrågor

- Vad är CSS? Varför behövs CSS? Hur skrivs en CSS-Regel?
- Vad innebär begreppet Cascading i CSS?
- Vad är skillnaden mellan en ID-Selektor och en Klass-Selektor? Skapa två olika exempel.
- Hur används Google Fonts på en sida. Visa några exempel.
- Vad gör följande selektor `a:hover`?

Summering

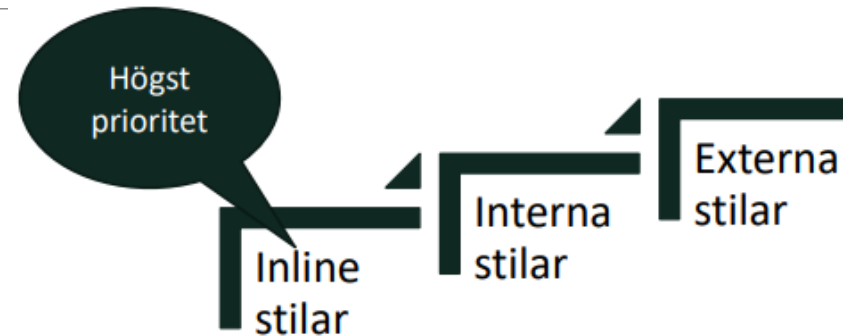
CSS – Cascading style sheets

- Extern CSS (separat CSS-fil)
- Intern CSS (i head)
- Inline CSS (inne i HTML-taggar)

Teckensnitt – font-family

Teckenstorlek – font-size

- Pt
- Px
- %
- Em
- Rem



Färg

- Hex kod
- Hsl värde
- Rgb värde
- Namn

CSS-Regel

```
selektor {  
    egenskap: värde;  
    egenskap: värde;  
    ...  
}
```

Boxmodellen

Boxmodellen är en av de viktigaste grundbegreppen i CSS.

Boxmodellen används för att bl.a. ange:

Width (bredd)

Height (höjd)

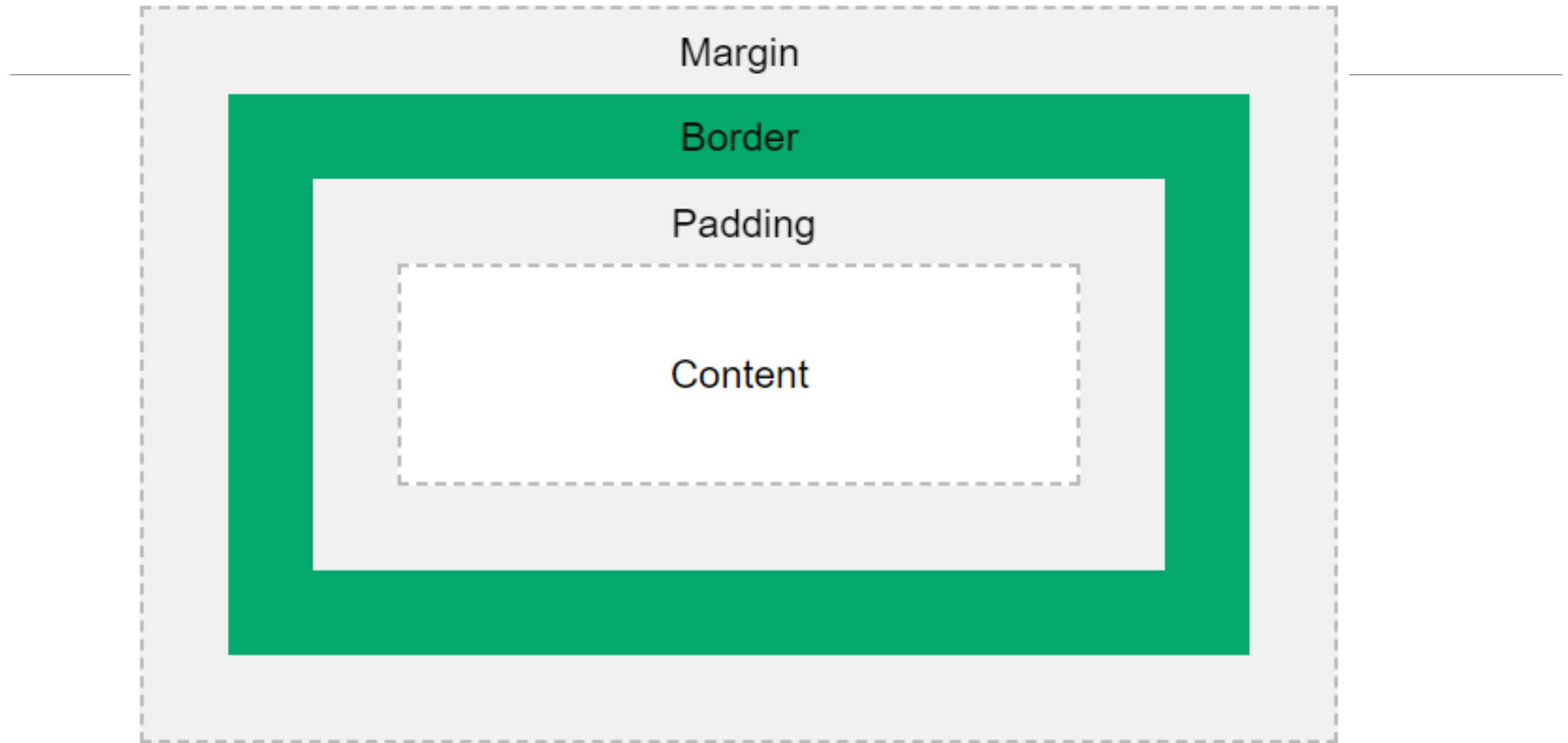
Padding (utfyllnad)

Border (kantlinjer)

Margin (marginaler)

[CSS Box Model](#)

Boxmodellen



Bildkällan [CSS Box Model \(w3schools.com\)](https://www.w3schools.com/css/css_box_model.asp)

Block och inline element

Block element

Block element ser ut som om de börjar på en ny rad. (<h1> - <h6> , <p>, <div>)

Inline element

Inline-element flyter i texten och börjar inte på en ny rad (<i>, , , ...)

[CSS The display Property](#)

The Cottage Garden

The *cottage garden* is a distinct style of garden that uses an informal design, dense plantings, 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.

Egenskapen display

Med hjälp av egenskapen display kan du t.ex. ändra inline till block.

```
a {  
  width: 50px;  
  height: 50px;  
  background-color: black;  
  color: white;  
  display: block;  
}
```

```
<a href="#">Länk</a>  
<a href="#">Länk</a>
```



Inline-block

- Du kan visa blocken bredvid varandra med display: **inline-block**

```
a {  
    width: 50px;  
    height: 50px;  
    background-color: black;  
    color: white;  
    display: inline-block;  
}
```



```
<a href="#">Länk</a>  
<a href="#">Länk</a>
```

Div och span

<div> är ett blockelement

```
div {  
background-color: gold;  
}
```



En div

**** är ett inline-element.

```
span {  
background-color: gold;  
}
```



En span

Width & Height

```
div {  
    height: 300px;  
    width: 400px;  
    background-color: #ee3e80;  
}  
p{  
    height: 75%;  
    width: 75%;  
    background-color: #e1ddda;  
}
```

```
<div>  
    <p>Lorem ipsum, dolor sit  
    amet consectetur adipisicing  
    elit. Dicta, sint. Quaerat  
    incidunt, necessitatibus earum  
    velit quidem provident natus  
    itaque minima aliquid tempore  
    ab unde voluptate recusandae  
    nulla repudiandae fuga!  
    Recusandae.</p>  
</div>
```

Lorem ipsum, dolor sit amet consectetur
adipisicing elit. Dicta, sint. Quaerat incidunt,
necessitatibus earum velit quidem provident

min-width & max-width

```
<tr>
  <td>
  </td>
  <td class="description">The Rhodes
piano...
  </td>
  <td>$1400</td>
</tr>
```

```
td.description{
  min-width: 450px;
  max-width: 650px;
  text-align: left;
  padding: 5px;
  margin: 0px;
}
```



Photo

Description

Price

The Rhodes piano is an electro-mechanical piano, invented by Harold Rhodes during the fifties and later manufactured in a number of models, first in collaboration with Fender and after 1965 by CBS. It employs a piano-like keyboard with hammers that hit small metal tines, amplified by electromagnetic pickups.

\$1400

min-height & max-height

```
body {  
  font-family: Arial, Verdana, sans-serif;  
  color: #111111;}  
  
h2, p{  
  width: 400px;  
  font-size: 90%;  
  line-height: 1.2em;}  
  
h2 {  
  color: #0088dd;  
  border-bottom: 1px solid #0088dd;}  
  
p {  
  min-height: 10px;  
  max-height: 30px;}
```

<h2>Fender Mustang</h2>

<p>The Fender Mustang was...</p>

<h2>Fender Stratocaster</h2>

<p>The Fender Stratocaster or "Strat" is one of the most popular electric guitars...</p>

<h2>Gibson Les Paul</h2>

<p>The Gibson Les Paul is a solid body electric guitar that was first sold in 1952. The Les Paul was designed...</p>

Fender Mustang

The Fender Mustang was introduced in 1964 as the basis of a

Overflow

Fender Mustang

The Fender Mustang was introduced in 1964 as the basis of a major redesign of Fender's student models then

Fender Stratocaster

The Fender Stratocaster or "Strat" is one of the most popular electric

```
p.one {  
    overflow: hidden;  
}  
p.two {  
    overflow: scroll;  
}
```

Margin och Padding

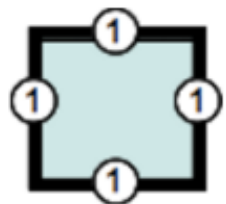


Margin anger marginaler d.v.s. avståndet mellan kanten på ett element och ett annat element.

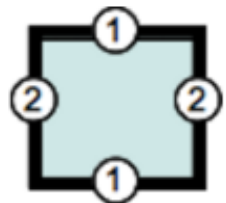
Padding anger utfyllnaden d.v.s. avståndet mellan innehållet i ett element och elementets kant.

[CSS Margin](#)

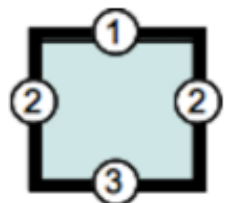
[CSS Padding](#)



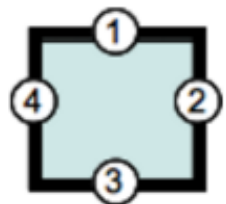
The 1-value syntax: `border-width: 1em` — The unique value represents all edges



The 2-value syntax: `border-width: 1em 2em` — The first value represents the vertical, that is top and bottom, edges, the second the horizontal ones, that is the left and right ones.



The 3-value syntax: `border-width: 1em 2em 3em` — The first value represents the top edge, the second, the horizontal, that is left and right, ones, and the third value the bottom edge

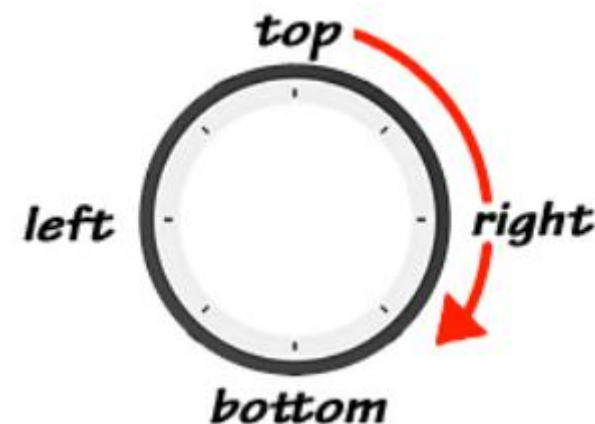


The 4-value syntax: `border-width: 1em 2em 3em 4em` — The four values represent the top, right, bottom and left edges respectively, always in that order, that is clock-wise starting at the top (The initial letter of Top-Right-Bottom-Left matches the order of the consonant of the word *trouble*: TRBL)

Kortformer för margin och padding

`padding: 10px 20px 30px 40px;`

`margin: 10px 20px 30px 40px;`



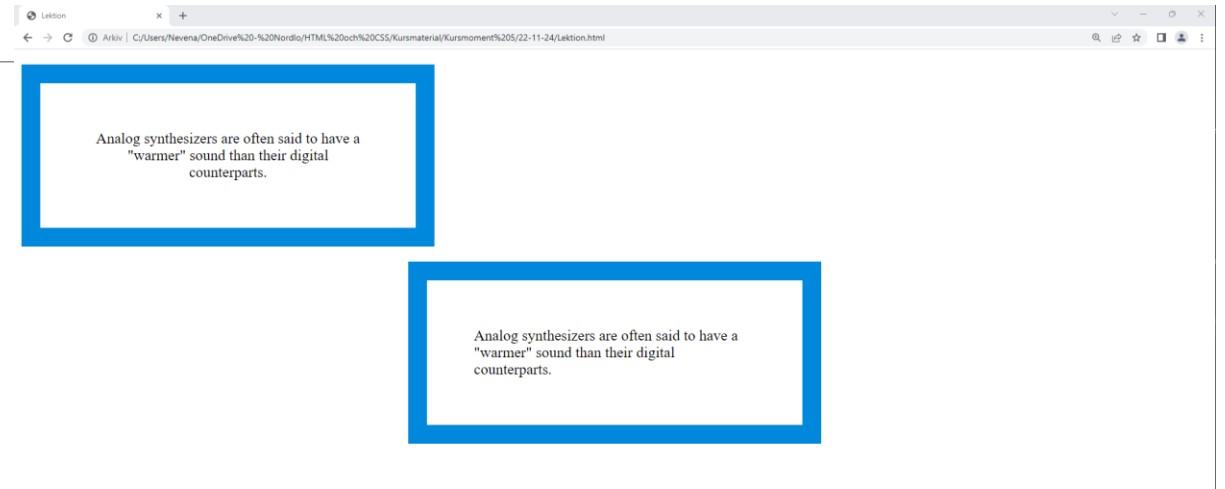
Automatiska marginaler

Automatiska marginaler tillsammans med bredd centrerar ett block.

```
.container {  
    background-color: gold;  
    width: 300px;  
    margin: auto;  
}
```

Centering content

```
body {  
    text-align: center;}  
  
p {  
    width: 300px;  
    padding: 50px;  
    border: 20px solid #0088dd;}  
  
p.example {  
    margin: 10px auto 10px auto;  
    text-align: left;}
```



<p>Analog synthesizers are often said to have a "warmer" sound than their digital counterparts.</p>

<p class="example">Analog synthesizers are often said to have a "warmer" sound than their digital counterparts.</p>

Border (kantlinjer)

[CSS Borders](#)

Border-width (thin, medium, thick, px)

- Border-top-width
- Border-right-width
- Border-bottom-width
- Border-left-width

```
p.one {  
    border-width: 2px;}  
p.two {  
    border-width: thick;}  
p.three {  
    border-width: 1px 4px 12px 4px;}
```

Hohner's "Clavinet" is
essentially an electric
clavichord.

Hohner's "Clavinet" is
essentially an electric
clavichord.

Hohner's "Clavinet" is
essentially an electric
clavichord.

Border (kantlinjer)

border-width
↓
border-style
↓
border-color
↓

border: 1px solid #000;

Border – Olika stilar

`border-style: solid;`

solid

dotted

dashed

double

groove

ridge

inset

outset

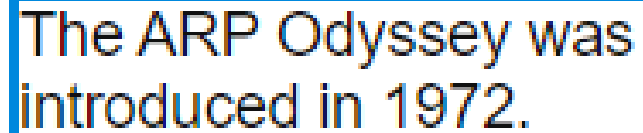
Border (kantlinjer)

Border-color

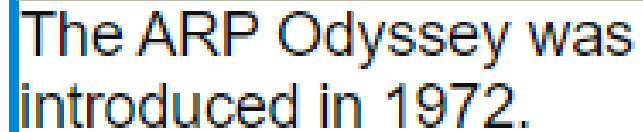
- Border-top-color
- Border-right-color
- Border-bottom-color
- Border-left-color

```
p.one {  
    border-color: #0088dd;}
```

```
p.two {  
    border-color: #bbbbbaa #111111 #ee3e80 #0088dd;}
```



The ARP Odyssey was
introduced in 1972.



The ARP Odyssey was
introduced in 1972.

Runda hörn

```
.rounded {  
    border: 5px solid #ee3e80;  
    padding: 20px;  
    width: 275px;  
    border-radius: 10px;  
}
```

Lorem ipsum dolor sit amet consectetur
adipiscing elit. Expedita placeat eos animi
magnam quos beatae, quas quaerat
labore culpa debitis distinctio deleniti
voluptatem voluptatum odio. Ex culpa sint
possimus libero!

Ytligare egenskaper

visibility: hidden;

visibility: visible;

Border images

1. URL
2. Var du ska skära bilden
3. Vad man ska göra med de raka kanterna (stretch, repeat, round)

box-shadow

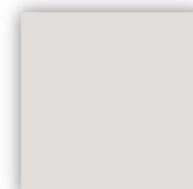
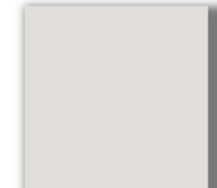
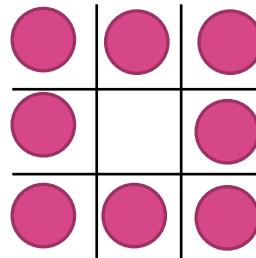
- horizontal offset
- vertical offset
- blur distance
- spread of shadow

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Exempel

THE ANALOG SPECIALISTS

[HOME](#)[FOR SALE](#)[REPAIRS](#)[ABOUT](#)[CONTACT](#)

We specialize in the sale and repair of classic keyboards, in particular the Fender Rhodes, Wurlitzer EP200, and Hohner Clavinet.

Uppgift

- Skapa ett HTML-dokument.
- Skriv några rubriker och lägg till lite Lorem Ipsum.
- Formatera rubrikerna (valfri formatering).
- Skapa en CSS-klass som visar en textruta som en post-it lapp (gul bakgrund med kantlinjer).
- Koppla klassen till ett valfritt stycke.
- Flytta alla CSS-regler till en extern CSS-fil.
- Skapa 3 nya HTML-sidor.
- Koppla samma stilmall till alla sidor.
- Länka alla sidor till varandra

Uppgift

Skapa din bloggsida – använd margin och padding

Inspiration [Padding Versus Margin in the Real World \(codepen.io\)](https://codepen.io/)

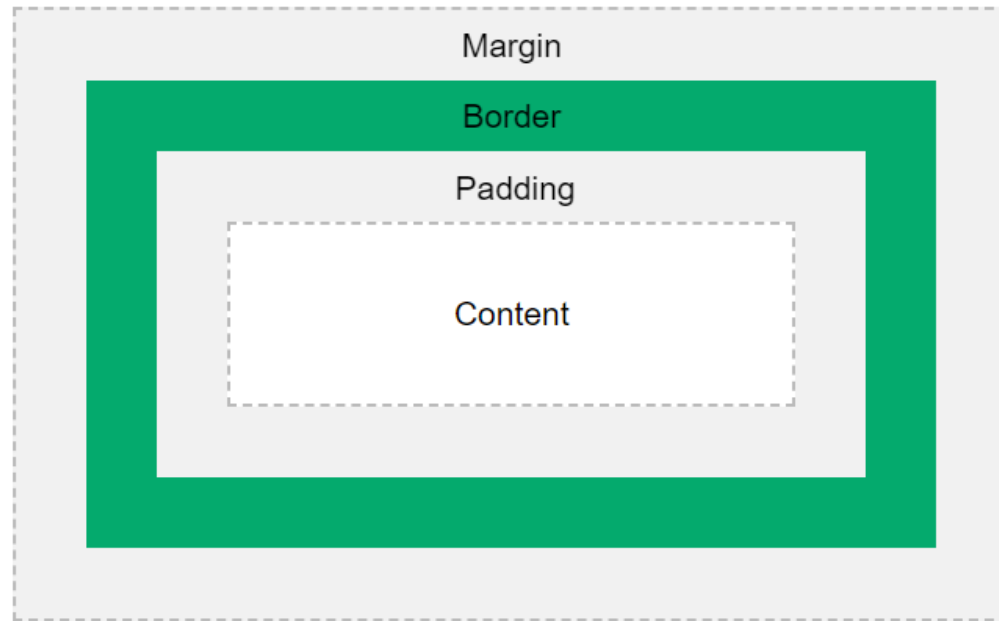
Summaring

Boxmodellen

Instuderingsfrågor

- Vad innebär Boxmodellen i CSS?
- Vad är skillnaden mellan margin och padding?
- Vad är skillnaden mellan inline, block och inline-block?
- Vad är span och div? Hur fungerar dessa element med CSS?
- Varför ska vi använda automatiska marginaler i CSS?

Kort summering



The Cottage Garden

The [cottage garden](#) is a distinct style of garden that uses an informal design, dense plantings, 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.

Bildstorlek i CSS



```
img.large {  
  width: 500px;  
  height: 500px;  
}
```

```
img.medium {  
  width: 250px;  
  height: 250px;  
}
```

```
img.small {  
  width: 100px;  
  height: 100px;  
}
```

Justera bild position med css



Magnolia is a large genus that contains over 200 flowering plant species. It is named after French botanist Pierre Magnol and, having evolved before bees appeared, the flowers were developed to encourage pollination by beetle.

Some magnolias, such as *Magnolia stellata* and *Magnolia soulangeana*, flower quite early in the spring before the leaves open. Others flower in late spring or early summer, such as *Magnolia grandiflora*.

```
img.align-left {  
  float: left;  
  margin-right: 10px;}
```

```
img.align-right {  
  float: right;  
  margin-left: 10px;}
```



Centrera bild med CSS



Magnolia is a large genus that contains over 200 flowering plant species. It is named after French botanist Pierre Magnol and, having evolved before bees appeared, the flowers were developed to encourage pollination by beetle.

```
img.align-center {  
  display: block;  
  margin: 0px auto;}
```


Runda bilder

```
.image-circle {  
    border-radius: 50%;  
}
```

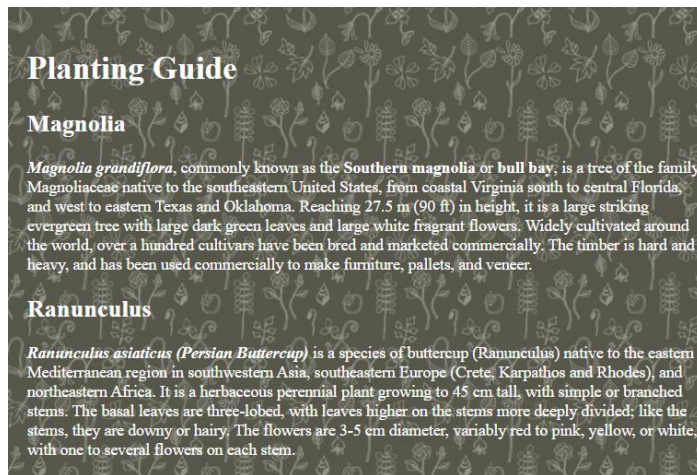
```

```

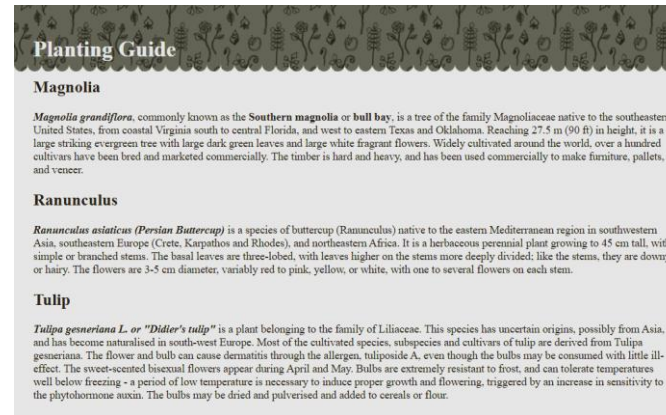


Bakgrundsbilder

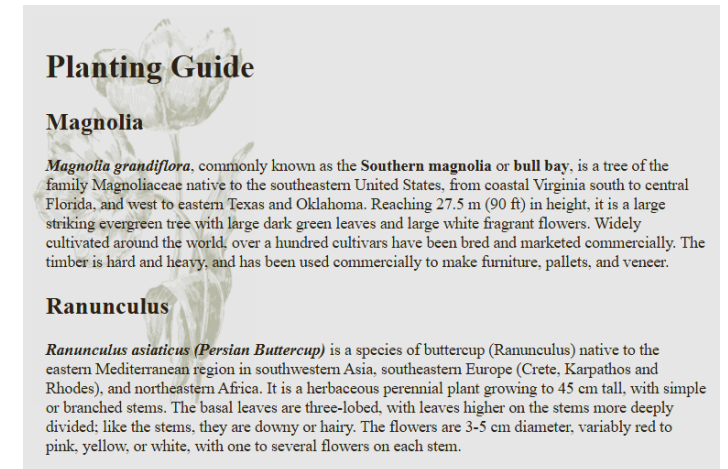
[CSS Background Image](#)



```
body {  
    background-image:  
url("images/pattern.gif");  
    color: white;  
    padding: 20px;}
```



```
body {  
    background-image:  
url("images/header.gif");  
    background-repeat: repeat-x;  
    color: #665544;  
    padding: 20px;}
```



```
body {  
    background-image:  
url("images/tulip.gif");  
    background-repeat: no repeat;  
    background-attachment: fixed;  
    color: #665544;  
    padding: 20px;}
```

Bakgrundsbilder

Planting Guide

Magnolia

Magnolia grandiflora, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

Ranunculus

Ranunculus asiaticus (*Persian Buttercup*) is a species of buttercup (Ranunculus) native to the eastern Mediterranean region in southwestern Asia, southeastern Europe (Crete, Karpathos and Rhodes), and northeastern Africa. It is a herbaceous perennial plant growing to 45 cm tall, with simple or branched stems. The basal leaves are three-lobed, with leaves higher on the stems more deeply divided; like the stems, they are downy or hairy. The flowers are 3-5 cm diameter, variably red to pink, yellow, or white, with one to several flowers on each stem.

Tulip

Tulipa gesneriana L. or "*Didier's tulip*" is a plant belonging to the family of Liliaceae. This species has uncertain origins, possibly from Asia, and has become naturalised in south-west Europe. Most of the cultivated species, subspecies and cultivars of tulip are derived from Tulipa gesneriana. The flower and bulb can cause dermatitis through the allergen, tuliposide A, even though the bulbs may be consumed with little ill-effect. The sweet-scented bisexual flowers appear during April and May. Bulbs are extremely resistant to frost, and can tolerate temperatures well below freezing - a period of low temperature is necessary to induce proper growth and flowering, triggered by an increase in sensitivity to the phytohormone auxin. The bulbs may be dried and pulverised and added to cereals or flour.

```
body {
  background-image: url("images/tulip.gif");
  background-repeat: no-repeat;
  background-position: center top;
  color: #665544;
  padding: 20px;}
```

Planting Guide

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Magnolia grandiflora, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

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```
body {
  background-image: url("images/tulip.gif");
  background-repeat: no-repeat;
  background-position: 50% 50%;
  color: #665544;
  padding: 20px;}
```

Bakgrundsbilder

```
body {  
  background: #ffffff url("images/tulip.gif") no-repeat top right;  
  color: #665544;  
  padding: 20px;}
```

Planting Guide

Magnolia

Magnolia grandiflora, commonly known as the **Southern magnolia** or **bull bay**, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

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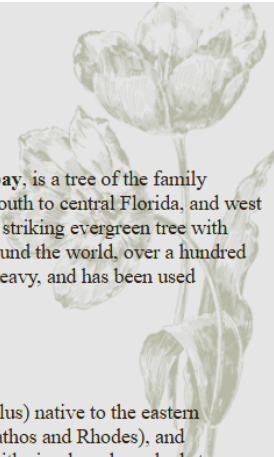


Image rollovers & sprites



[CSS Image Sprites](#)



```
a.button {  
    height: 36px;  
    background-image: url("images/button-sprite.jpg");  
    text-indent: -9999px;  
    display: inline-block;}  
a#add-to-basket {  
    width: 174px;  
    background-position: 0px 0px;}  
a#framing-options {  
    width: 210px;  
    background-position: -175px 0px;}  
a#add-to-basket: hover {  
    background-position: 0px -40px;}  
a#framing-options: hover {  
    background-position: -175px -40px;}  
a#add-to-basket: active {  
    background-position: 0px -80px;}  
a#framing-options: active {  
    background-position: -175px -80px;}
```

Gradients CSS3

background-image

```
#gradient {  
    /* fallback color */  
    background-color: #66cccc;  
  
    /* fallback image */  
    background-image: url("images/fallback-image.png");  
  
    /* Firefox 3.6+ */  
    background-image: -moz-linear-gradient(#336666, #66cccc);  
  
    /* Safari 5.1+, Chrome 10+ */  
    background-image: -webkit-linear-gradient(#336666, #66cccc);
```



[CSS Gradients](#)

Listor

[CSS Styling Lists](#)

Punktlistor och numrerade listor formateras med CSS.

Egenskapen list-style-type anger listelements format (punkter, siffror eller bokstäver).

```
ol {  
  list-style-type: lower-roman; }
```

- i. Life
- ii. Nature
- iii. Love
- iv. Time and Eternity
- v. The Single Hound

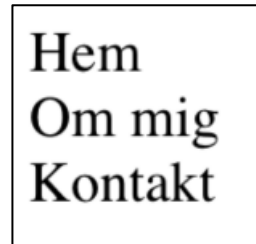
 : none, disc, circle, square

 : decimal, decimal-leading-zero, lower-alpha, upper-alpha, lower-roman, upper-roman

Listor - ta bort stiltypen

```
ul {  
  list-style-type: none;  
  margin: 0;  
  padding: 0;  
}
```

```
<ul>  
  <li>Hem</li>  
  <li>Om mig</li>  
  <li>Kontakt</li>  
</ul>
```



Listor

list-style-image

Index of Translated Poems

Arthur Rimbaud

- ★ Ophelia
- ★ To Music
- ★ A Dream for Winter
- ★ Vowels
- ★ The Drunken Boat

list-style-image: url ("images/star.png");

list-style-position

- That idol, black eyes and yellow mop, without parents or court ...
- Gracious son of Pan! Around your forehead crowned with flowerets ...
- When the world is reduced to a single dark wood for our four ...
 - Once, if my memory serves me well, my life was a banquet ...
 - Hadn't I once a youth that was lovely, heroic, fabulous ...
 - Autumn already! - But why regret the everlasting sun if we are ...

list-style-position: outside;

list-style-position: inside;

Listor

Quotes from Edgar Allan Poe

- I have great faith in fools; self-confidence my friends call it.
- All that we see or seem is but a dream within a dream.
- I would define, in brief, the poetry of words as the rhythmical creation of Beauty.

```
ul {  
    list-style: inside circle;  
    width: 300px;  
}  
  
li {  
    margin: 10px 0px 0px 0px;  
}
```

Skapa en vertikal navigeringsmeny

En navigeringsmeny i CSS består av två delar:

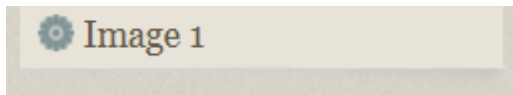
1. En punktlista med länkar till andra sidor.
2. En CSS-mall som formaterar alla element i listan.



Uppgift 4

Skapa en html sida – galerie,
med valfritt innehåll (text,
bakgrund, bilder, färg etc.).
Använda HTML och CSS.

Följa modellen till höger.
Varje bild-kort har shadow
bakom.



Ni får ersätta  med någon
annan bild.



Summering

Bilder och listor

Instuderingsfrågor

- Hur lägger du till runda hörn på en bild i CSS?
- Hur formaterar du en enkel navigeringslista med CSS?

CSS Tabeller

[CSS Styling Tables](#)

Egenskaper

- width
- padding
- text-transformation
- letter-spacing, font-size
- border-top, border-bottom
- text-align
- background-color
- :hover
- ...

Några tips för styling av tabeller:

- Cells padding
- Särskilja rubriker
- Skugga alternativa rader
- Justera (align) siffrorna

[Table styles \(htlandcssbook.com\)](http://htlandcssbook.com)

Tabeller

empty-cells

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

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

1	2
3	
1	2
3	

```
td {
  border: 1px solid #0088dd;
  padding: 15px;}

```

```
table.one {
  empty-cells: show;}

```

```
table.two {
  empty-cells: hide;}

```

Tabeller

border-spacing, border-collapse

1	2
---	---

3	4
---	---

1	2
3	4

```
td {  
    background-color: #0088dd;  
    padding: 15px;  
    border: 2px solid #000000;}
```

```
table.one {  
    border-spacing: 5px 15px;}
```

```
table.two {  
    border-collapse: collapse;}
```


Exempel - CSS Tabeller

First name	Last name
Anna	Annison
Jane	Joe
Lilly	Liliac

Exempel - Formulär

Justera formulärkontroller

Name:

Email:

Gender: ☐ M ☐ F

Name:

Email:

Gender: ☐ M ☐ F

Övning Enkät formulär

Hämta HTML kod från Teams och
formatera innehåll med CSS

Källa: FCC: Survey Form (codepen.io)

Name

Enter your name

Email

Enter your Email

Age (optional)

Age

Which option best describes your current role?

Select current role

Would you recommend freeCodeCamp to a friend?

☒ Definitely

☐ Maybe

☐ Not sure

What is your favorite feature of freeCodeCamp?

Select an option

What would you like to see improved? (Check all that apply)

☐ Front-end Projects

☐ Back-end Projects

☐ Data Visualization

☐ Challenges

☐ Open Source Community

☐ Gitter help rooms

☐ Videos

☐ City Meetups

☐ Wiki

☐ Forum

☐ Additional Courses

Any comments or suggestions?

Enter your comment here...

Submit

Övning

Försök att återskapa Twitter inloggningsformuläret

Teckensnitt:

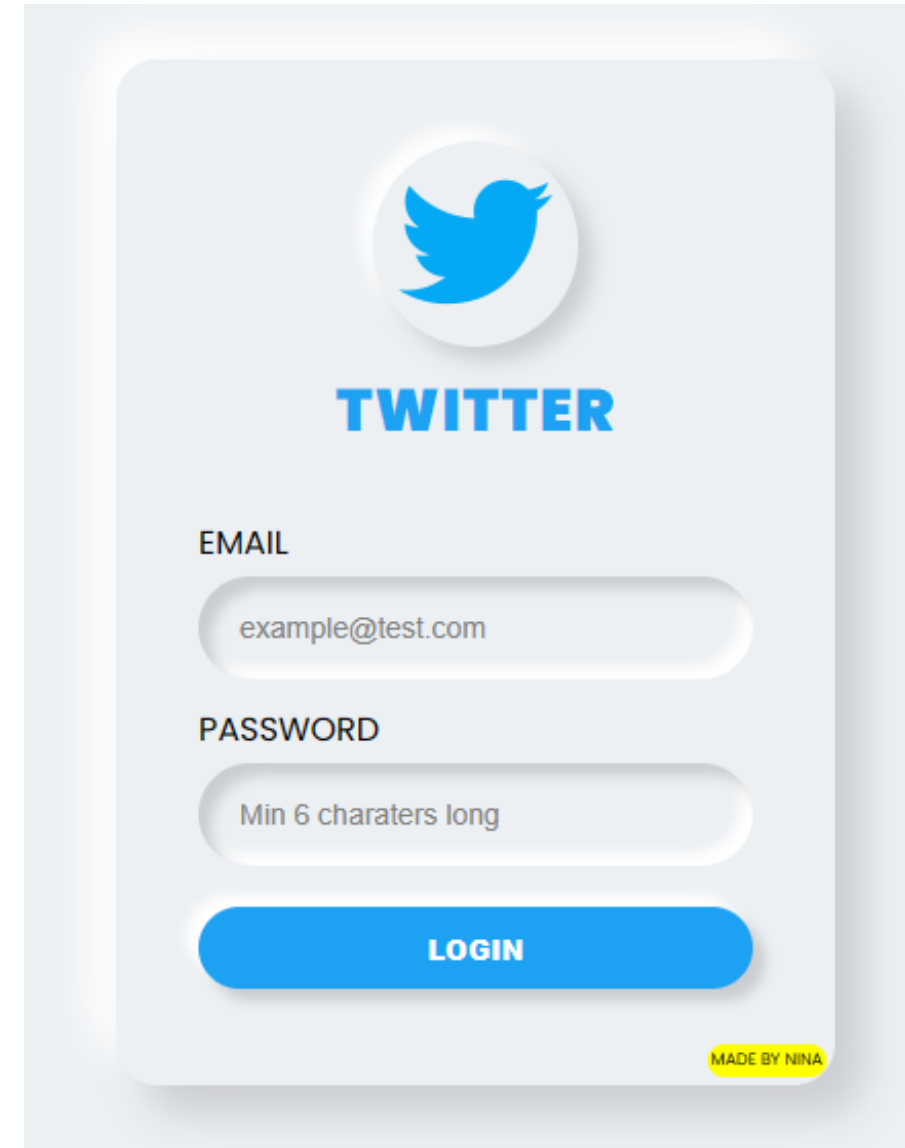
```
@import  
url('https://fonts.googleapis.com/css2?family=Poppins:  
wght@400;900&display=swap');
```

Logo:

<https://img.icons8.com/color/100/000000/twitter--v2.png>

Using CSS to style an HTML Form tutorial:

[W3Schools Tryit Editor](https://www.w3schools.com/html/html_form_validation.asp)



The image shows a mockup of a Twitter login form with a neumorphic design. At the top is the Twitter logo (a blue bird in a white circle) and the word "TWITTER" in blue. Below this are two input fields: one for "EMAIL" with the placeholder "example@test.com" and one for "PASSWORD" with the placeholder "Min 6 charaters long". At the bottom is a blue "LOGIN" button. A small yellow badge in the bottom right corner says "MADE BY NINA".

Källa: Neumorphic form (codepen.io)

Extra uppgift - NETFLIX landing page - clone



Material /img
kommer på
Teams

Övning

[Styling tables, lists, and forms taken from HTML & CSS \(design and build websites\) \(htmlandcssbook.com\)](#)

Lösning: [Lists, Tables and Forms \(htmlandcssbook.com\)](#)

Poetry Workshops

We will be conducting a number of poetry workshops and symposiums throughout the year.

Please note that the following events are free to members:

- A Poetic Perspective
- Walt Whitman at War
- Found Poems and Outsider Poetry

	New York	Chicago	San Francisco
A Poetic Perspective	Sat, 4 Feb 2012 11am - 2pm	Sat, 3 Mar 2012 11am - 2pm	Sat, 17 Mar 2012 11am - 2pm
Walt Whitman at War	Sat, 7 Apr 2012 11am - 1pm	Sat, 5 May 2012 11am - 1pm	Sat, 19 May 2012 11am - 1pm
Found Poems & Outsider Poetry	Sat, 9 Jun 2012 11am - 2pm	Sat, 7 Jul 2012 11am - 2pm	Sat, 21 Jul 2012 11am - 2pm
Natural Death: An Exploration	Sat, 4 Aug 2012 11am - 4pm	Sat, 8 Sep 2012 11am - 4pm	Sat, 15 Sep 2012 11am - 4pm

Register your interest

Your name:

Your email:

Your closest center:

Are you a member?

☐ Yes ☐ No

Register

Nästa lektion

Under nästa lektion kommer vi att jobba med:

- Tabeller, formulär