**HTML5 New Input Types**

HTML5 has several new input types for forms. These new features allow for better input control and validation. See [this page](http://w3schools.com/html5/html5_form_input_types.asp) for more details.

The new input types:

* email
* url
* number
* range
* Date pickers (date, month, week, time, datetime, datetime-local)
* search
* color

**HTML5 New Form Elements**

HTML5 has several new elements and attributes for forms. See [this page](http://w3schools.com/html5/html5_form_elements.asp) for more details.

The new form elements:

* datalist
* keygen
* output

**HTML5 New Form Attributes**

This chapter covers some of the new attributes for <form> and <input>. See [this page](http://w3schools.com/html5/html5_form_attributes.asp) for more details.

New form attributes:

* autocomplete
* novalidate

New input attributes:

* autocomplete
* autofocus
* form
* form overrides (formaction, formenctype, formmethod, formnovalidate, formtarget)
* height and width
* list
* min, max and step
* multiple
* pattern (regexp)
* placeholder
* required

See this [example page](http://fog.ccsf.edu/~srubin/forms5.html) for some of the above.  
  
**Note: Many of the above work in Firefox and Chrome, but most do not work in IE and Safari.**  
  
Here is a [good article](http://www.tangledindesign.com/blog/how-to-create-a-contact-form-using-html5-css3-and-php/) about creating a Contact Form using HTML5, CSS3 and PHP. Here is the [form](http://fog.ccsf.cc.ca.us/~srubin/formPHP1.html) and the [php](http://fog.ccsf.cc.ca.us/~srubin/php/formP.txt) script in txt format.  
 **NOTE: In XHTML all form attributes are required to have values. In HTML5, attributes that are either 'on' or 'off' can be specified with no value.**  
  
Example:   
  
XHTML: <input type="checkbox" name="email" checked="checked" />  
HTML5: <input type="checkbox" name="email" checked>