|  |  |
| --- | --- |
| <input type="**email**" name="email"> | [iOS (left) and Android (right) Keyboards for Email Inputs](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/email_ios_android.png)iOS (left) and Android (right) Keyboards for Email Inputs |
| <input type="**url**" name="url"> | [iOS Keyboard for URL Inputs](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/url.png) |
| <input type="**tel**" name="tel"> | [iOS (left) and Android (right) Keypads for Telephone Inputs](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/telephone_ios_android.png)iOS (left) and Android (right) Keypads for Telephone Inputs |
| <input type="**number**" name="number"> | [iOS (left) and Android (right) Keyboards for Number Inputs](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/number_ios_android.png)iOS (left) and Android (right) Keyboards for Number Inputs |
| <input type="**date**" name="date">  the Android browser does not yet have support for any datetime input types. | [iOS Date Picker](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/date.png) |
| <input type="**time**" name="time"> | [iOS Time Picker](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/time.png) |
| <input type="**datetime**" name="datetime"> | [iOS DateTime Picker](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/datetime.png) |
| <input type="**month**" name="month"> | [iOS Month Picker](http://blog.teamtreehouse.com/wp-content/uploads/2012/12/month.png) |

Browsers that do not support these new input types will just display a simple text input to users. This means that you can go ahead and start using these new input types today!

* [Browser Support for Date/Time Inputs](http://caniuse.com/#feat=input-datetime)
* [WHATWG HTML5 Spec: Input Types](http://developers.whatwg.org/the-input-element.html#attr-input-type)

Mathematical Operators

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Mathematical Operators** | | **Arrows** | | **常用表** | |
| ∀ | &forall; | ← | &larr; | “ | &quot; |
| ∂ | &part; | ↑ | &uarr; | & | &amp; |
| ∃ | &exist; | → | &rarr; | < | &lt; |
| ∅ | &empty; | ↓ | &darr; | > | &gt; |
| ∇ | &nabla; | ↔ | &harr; | no-break space | &nbsp; |
| ∈ | &isin; | ↵ | &crarr; | **Miscellaneous Technical** | |
| ∉ | &notin; | ⇐ | &lArr; | ⌈ | &lceil; |
| ∋ | &ni; | ⇑ | &uArr; | ⌉ | &rceil; |
| ∏ | &prod; | ⇒ | &rArr; | ⌊ | &lfloor; |
| ∑ | &sum; | ⇓ | &dArr; | ⌋ | &rfloor; |
| − | &minus; | ⇔ | &hArr; | ⟨ | &lang; |
| ∗ | &lowast; | **Latin Extended-B** | | ⟩ | &rang; |
| √ | &radic; | ƒ | &fnof; |  | |
| ∝ | &prop; | Geometric Shapes | |  |  |
| ∞ | &infin; | ◊ | &loz; |  |  |
| ∠ | &ang; | **Miscellaneous Symbols** | |  |  |
| ∧ | &and; | ♠ | &spades; |  |  |
| ∨ | &or; | ♣ | &clubs; |  |  |
| ∩ | &cap; | ♥ | &hearts; |  |  |
| ∪ | &cup; | ♦ | &diams; |  |  |
| ∫ | &int; |  |  |  |  |
| ∴ | &there4; |  |  |  |  |
| ∼ | &sim; |  |  |  |  |
| ≅ | &cong; |  |  |  |  |
| ≈ | &asymp; |  |  |  |  |
| ≠ | &ne; |  |  |  |  |
| ≡ | &equiv; |  |  |  |  |
| ≤ | &le; |  |  |  |  |
| ≥ | &ge; |  |  |  |  |
| ⊂ | &sub; |  |  |  |  |
| ⊃ | &sup; |  |  |  |  |
| ⊄ | &nsub; |  |  |  |  |
| ⊆ | &sube; |  |  |  |  |
| ⊇ | &supe; |  |  |  |  |
| ⊕ | &oplus; |  |  |  |  |
| ⊗ | &otimes; |  |  |  |  |
| ⊥ | &perp; |  |  |  |  |
| ⋅ | &sdot; |  |  |  |  |

|  |  |
| --- | --- |
|  | |
| char glyph | HTML tag |
|  |  |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| Letterlike Symbols | |
| char glyph | HTML tag |
| ℘ | &weierp; |
| ℑ | &image; |
| ℜ | &real; |
| ™ | &trade; |
| ℵ | &alefsym; |

|  |  |
| --- | --- |
| Greek | |
| char glyph | HTML tag |
| Α | &Alpha; |
| Β | &Beta; |
| Γ | &Gamma; |
| Δ | &Delta; |
| Ε | &Epsilon; |
| Ζ | &Zeta; |
| Η | &Eta; |
| Θ | &Theta; |
| Ι | &Iota; |
| Κ | &Kappa; |
| Λ | &Lambda; |
| Μ | &Mu; |
| Ν | &Nu; |
| Ξ | &Xi; |
| Ο | &Omicron; |
| Π | &Pi; |
| Ρ | &Rho; |
| Σ | &Sigma; |
| Τ | &Tau; |
| Υ | &Upsilon; |
| Φ | &Phi; |
| Χ | &Chi; |
| Ψ | &Psi; |
| Ω | &Omega; |
| α | &alpha; |
| β | &beta; |
| γ | &gamma; |
| δ | &delta; |
| ε | &epsilon; |
| ζ | &zeta; |
| η | &eta; |
| θ | &theta; |
| ι | &iota; |
| κ | &kappa; |
| λ | &lambda; |
| μ | &mu; |
| ν | &nu; |
| ξ | &xi; |
| ο | &omicron; |
| π | &pi; |
| ρ | &rho; |
| ς | &sigmaf; |
| σ | &sigma; |
| τ | &tau; |
| υ | &upsilon; |
| φ | &phi; |
| χ | &chi; |
| ψ | &psi; |
| ω | &omega; |
| ϑ | &thetasym; |
| ϒ | &upsih; |
| ϖ | &piv; |

Special characters for HTML

|  |  |
| --- | --- |
| C0 Controls and Basic Latin | |
| char glyph | HTML tag |
| " | &quot; |
| & | &amp; |
| < | &lt; |
| > | &gt; |

|  |  |
| --- | --- |
| Latin Extended-A | |
| char glyph | HTML tag |
| Œ | &OElig; |
| œ | &oelig; |
| Š | &Scaron; |
| š | &scaron; |
| Ÿ | &Yuml; |

|  |  |
| --- | --- |
| Spacing Modifier Letters | |
| char glyph | HTML tag |
| ˆ | &circ; |
| ˜ | &tilde; |

|  |  |
| --- | --- |
| General Punctuation | |
| char glyph | HTML tag |
|  | &ensp; |
|  | &emsp; |
|  | &thinsp; |
| ‌ | &zwnj; |
| ‍ | &zwj; |
| ‎ | &lrm; |
| ‏ | &rlm; |
| – | &ndash; |
| — | &mdash; |
| ‘ | &lsquo; |
| ’ | &rsquo; |
| ‚ | &sbquo; |
| “ | &ldquo; |
| ” | &rdquo; |
| „ | &bdquo; |
| † | &dagger; |
| ‡ | &Dagger; |
| ‰ | &permil; |
| ‹ | &lsaquo; |
| › | &rsaquo; |
| € | &euro; |