**Special Characters in HTML**

|  |  |  |  |
| --- | --- | --- | --- |
| left single quote |  | &lsquo; | **‘** |
| right single quote |  | &rsquo; | **’** |
| single low-9 quote |  | &sbquo; | **‚** |
| left double quote |  | &ldquo; | **“** |
| right double quote |  | &rdquo; | **”** |
| double low-9 quote |  | &bdquo; | **„** |
| dagger |  | &dagger; | **†** |
| double dagger |  | &Dagger; | **‡** |
| per mill sign |  | &permil; | **‰** |
| single left-pointing angle quote |  | &lsaquo; | **‹** |
| single right-pointing angle quote |  | &rsaquo; | **›** |
| black spade suit |  | &spades; | **♠** |
| black club suit |  | &clubs; | **♣** |
| black heart suit |  | &hearts; | **♥** |
| black diamond suit |  | &diams; | **♦** |
| overline, = spacing overscore |  | &oline; | **‾** |
| leftward arrow | &#8592; | &larr; | **←** |
| upward arrow | &#8593; | &uarr; | **↑** |
| rightward arrow | &#8594; | &rarr; | **→** |
| downward arrow | &#8595; | &darr; | **↓** |
| north west arrow | &#8598; | &nwarr; | **↖** |
| north east arrow | &#8599; | &nearr; | **↗** |
| south west arrow | &#8601; | &swarr; | **↙** |
| south east arrow | &#8600; | &searr; | **↘** |
| black up-pointing triangle | &#9650; | &#x25B2; | **▲** |
| black up-pointing small triangle | &#9652; | &#x25B4; | **▴** |
| black right-pointing triangle | &#9654; | &#x25B6; | **▶** |
| black right-pointing small triangle | &#9656; | &#x25B8; | **▸** |
| black right-pointing pointer | &#9658; | &#x25BA; | **►** |
| black down-pointing triangle | &#9660; | &#x25BC; | **▼** |
| black down-pointing small triangle | &#9662; | &#x25BE; | **▾** |
| black left-pointing triangle | &#9664; | &#x25C0; | **◀** |
| black left-pointing small triangle | &#9666; | &#x25C2; | **◂** |
| black left-pointing pointer | &#9668; | &#x25C4; | **◄** |
| trademark sign | &#x2122; | &trade; | **™** |
| unused | &#00;- &#08; |  |  |
| horizontal tab | &#09; |  |  |
| line feed | &#10; |  |  |
| unused | &#11; |  |  |
| space | &#32; |  |  |
| exclamation mark | &#33; |  | **!** |
| double quotation mark | &#34; | &quot; | **"** |
| number sign | &#35; |  | **#** |
| dollar sign | &#36; |  | **$** |
| percent sign | &#37; |  | **%** |
| ampersand | &#38; | &amp; | **&** |
| apostrophe | &#39; |  | **'** |
| left parenthesis | &#40; |  | **(** |
| right parenthesis | &#41; |  | **)** |
| asterisk | &#42; |  | **\*** |
| plus sign | &#43; |  | **+** |
| comma | &#44; |  | **,** |
| hyphen | &#45; |  | **-** |
| period | &#46; |  | **.** |
| slash | &#47; | &frasl; | **/** |
| digits 0-9 | &#48;- &#57; |  |  |
| colon | &#58; |  | **:** |
| semicolon | &#59; |  | **;** |
| less-than sign | &#60; | &lt; | **<** |
| equals sign | &#61; |  | **=** |
| greater-than sign | &#62; | &gt; | **>** |
| question mark | &#63; |  | **?** |
| at sign | &#64; |  | **@** |
| uppercase letters A-Z | &#65;- &#90; |  |  |
| left square bracket | &#91; |  | **[** |
| backslash | &#92; |  | **\** |
| right square bracket | &#93; |  | **]** |
| caret | &#94; |  | **^** |
| horizontal bar (underscore) | &#95; |  | **\_** |
| grave accent | &#96; |  | **`** |
| lowercase letters a-z | &#97;- &#122; |  |  |
| left curly brace | &#123; |  | **{** |
| vertical bar | &#124; |  | **|** |
| right curly brace | &#125; |  | **}** |
| tilde | &#126; |  | **~** |
| ellipses | &#133; | &hellip; | **…** |
| en dash | &#150; | &ndash; | **–** |
| em dash | &#151; | &mdash; | **—** |
| unused | &#152;- &#159; |  |  |
| nonbreaking space | &#160; | &nbsp; |  |
| inverted exclamation | &#161; | &iexcl; | **¡** |
| cent sign | &#162; | &cent; | **¢** |
| pound sterling | &#163; | &pound; | **£** |
| general currency sign | &#164; | &curren; | **¤** |
| yen sign | &#165; | &yen; | **¥** |
| broken vertical bar | &#166; | &brvbar; or &brkbar; | **¦** |
| section sign | &#167; | &sect; | **§** |
| umlaut | &#168; | &uml; or &die; | **¨** |
| copyright | &#169; | &copy; | **©** |
| feminine ordinal | &#170; | &ordf; | **ª** |
| left angle quote | &#171; | &laquo; | **«** |
| not sign | &#172; | &not; | **¬** |
| soft hyphen | &#173; | &shy; |  |
| registered trademark | &#174; | &reg; | **®** |
| macron accent | &#175; | &macr; or &hibar; | **¯** |
| degree sign | &#176; | &deg; | **°** |
| plus or minus | &#177; | &plusmn; | **±** |
| superscript two | &#178; | &sup2; | **²** |
| superscript three | &#179; | &sup3; | **³** |
| acute accent | &#180; | &acute; | **´** |
| micro sign | &#181; | &micro; | **µ** |
| paragraph sign | &#182; | &para; | **¶** |
| middle dot | &#183; | &middot; | **·** |
| cedilla | &#184; | &cedil; | **¸** |
| superscript one | &#185; | &sup1; | **¹** |
| masculine ordinal | &#186; | &ordm; | **º** |
| right angle quote | &#187; | &raquo; | **»** |
| one-fourth | &#188; | &frac14; | **¼** |
| one-half | &#189; | &frac12; | **½** |
| three-fourths | &#190; | &frac34; | **¾** |
| inverted question mark | &#191; | &iquest; | **¿** |
| uppercase A, grave accent | &#192; | &Agrave; | **À** |
| uppercase A, acute accent | &#193; | &Aacute; | **Á** |
| uppercase A, circumflex accent | &#194; | &Acirc; | **Â** |
| uppercase A, tilde | &#195; | &Atilde; | **Ã** |
| uppercase A, umlaut | &#196; | &Auml; | **Ä** |
| uppercase A, ring | &#197; | &Aring; | **Å** |
| uppercase AE | &#198; | &AElig; | **Æ** |
| uppercase C, cedilla | &#199; | &Ccedil; | **Ç** |
| uppercase E, grave accent | &#200; | &Egrave; | **È** |
| uppercase E, acute accent | &#201; | &Eacute; | **É** |
| uppercase E, circumflex accent | &#202; | &Ecirc; | **Ê** |
| uppercase E, umlaut | &#203; | &Euml; | **Ë** |
| uppercase I, grave accent | &#204; | &Igrave; | **Ì** |
| uppercase I, acute accent | &#205; | &Iacute; | **Í** |
| uppercase I, circumflex accent | &#206; | &Icirc; | **Î** |
| uppercase I, umlaut | &#207; | &Iuml; | **Ï** |
| uppercase Eth, Icelandic | &#208; | &ETH; | **Ð** |
| uppercase N, tilde | &#209; | &Ntilde; | **Ñ** |
| uppercase O, grave accent | &#210; | &Ograve; | **Ò** |
| uppercase O, acute accent | &#211; | &Oacute; | **Ó** |
| uppercase O, circumflex accent | &#212; | &Ocirc; | **Ô** |
| uppercase O, tilde | &#213; | &Otilde; | **Õ** |
| uppercase O, umlaut | &#214; | &Ouml; | **Ö** |
| multiplication sign | &#215; | &times; | **×** |
| uppercase O, slash | &#216; | &Oslash; | **Ø** |
| uppercase U, grave accent | &#217; | &Ugrave; | **Ù** |
| uppercase U, acute accent | &#218; | &Uacute; | **Ú** |
| uppercase U, circumflex accent | &#219; | &Ucirc; | **Û** |
| uppercase U, umlaut | &#220; | &Uuml; | **Ü** |
| uppercase Y, acute accent | &#221; | &Yacute; | **Ý** |
| uppercase THORN, Icelandic | &#222; | &THORN; | **Þ** |
| lowercase sharps, German | &#223; | &szlig; | **ß** |
| lowercase a, grave accent | &#224; | &agrave; | **à** |
| lowercase a, acute accent | &#225; | &aacute; | **á** |
| lowercase a, circumflex accent | &#226; | &acirc; | **â** |
| lowercase a, tilde | &#227; | &atilde; | **ã** |
| lowercase a, umlaut | &#228; | &auml; | **ä** |
| lowercase a, ring | &#229; | &aring; | **å** |
| lowercase ae | &#230; | &aelig; | **æ** |
| lowercase c, cedilla | &#231; | &ccedil; | **ç** |
| lowercase e, grave accent | &#232; | &egrave; | **è** |
| lowercase e, acute accent | &#233; | &eacute; | **é** |
| lowercase e, circumflex accent | &#234; | &ecirc; | **ê** |
| lowercase e, umlaut | &#235; | &euml; | **ë** |
| lowercase i, grave accent | &#236; | &igrave; | **ì** |
| lowercase i, acute accent | &#237; | &iacute; | **í** |
| lowercase i, circumflex accent | &#238; | &icirc; | **î** |
| lowercase i, umlaut | &#239; | &iuml; | **ï** |
| lowercase eth, Icelandic | &#240; | &eth; | **ð** |
| lowercase n, tilde | &#241; | &ntilde; | **ñ** |
| lowercase o, grave accent | &#242; | &ograve; | **ò** |
| lowercase o, acute accent | &#243; | &oacute; | **ó** |
| lowercase o, circumflex accent | &#244; | &ocirc; | **ô** |
| lowercase o, tilde | &#245; | &otilde; | **õ** |
| lowercase o, umlaut | &#246; | &ouml; | **ö** |
| division sign | &#247; | &divide; | **÷** |
| lowercase o, slash | &#248; | &oslash; | **ø** |
| lowercase u, grave accent | &#249; | &ugrave; | **ù** |
| lowercase u, acute accent | &#250; | &uacute; | **ú** |
| lowercase u, circumflex accent | &#251; | &ucirc; | **û** |
| lowercase u, umlaut | &#252; | &uuml; | **ü** |
| lowercase y, acute accent | &#253; | &yacute; | **ý** |
| lowercase thorn, Icelandic | &#254; | &thorn; | **þ** |
| lowercase y, umlaut | &#255; | &yuml; | **ÿ** |
| Alpha | &Alpha; |  | **Α** |
| alpha | &alpha; |  | **α** |
| Beta | &Beta; |  | **Β** |
| beta | &beta; |  | **β** |
| Gamma | &Gamma; |  | **Γ** |
| gamma | &gamma; |  | **γ** |
| Delta | &Delta; |  | **Δ** |
| delta | &delta; |  | **δ** |
| Epsilon | &Epsilon; |  | **Ε** |
| epsilon | &epsilon; |  | **ε** |
| Zeta | &Zeta; |  | **Ζ** |
| zeta | &zeta; |  | **ζ** |
| Eta | &Eta; |  | **Η** |
| eta | &eta; |  | **η** |
| Theta | &Theta; |  | **Θ** |
| theta | &theta; |  | **θ** |
| Iota | &Iota; |  | **Ι** |
| iota | &iota; |  | **ι** |
| Kappa | &Kappa; |  | **Κ** |
| kappa | &kappa; |  | **κ** |
| Lambda | &Lambda; |  | **Λ** |
| lambda | &lambda; |  | **λ** |
| Mu | &Mu; |  | **Μ** |
| mu | &mu; |  | **μ** |
| Nu | &Nu; |  | **Ν** |
| nu | &nu; |  | **ν** |
| Xi | &Xi; |  | **Ξ** |
| xi | &xi; |  | **ξ** |
| Omicron | &Omicron; |  | **Ο** |
| omicron | &omicron; |  | **ο** |
| Pi | &Pi; |  | **Π** |
| pi | &pi; |  | **π** |
| Rho | &Rho; |  | **Ρ** |
| rho | &rho; |  | **ρ** |
| Sigma | &Sigma; |  | **Σ** |
| sigma | &sigma; |  | **σ** |
| Tau | &Tau; |  | **Τ** |
| tau | &tau; |  | **τ** |
| Upsilon | &Upsilon; |  | **Υ** |
| upsilon | &upsilon; |  | **υ** |
| Phi | &Phi; |  | **Φ** |
| phi | &phi; |  | **φ** |
| Chi | &Chi; |  | **Χ** |
| chi | &chi; |  | **χ** |
| Psi | &Psi; |  | **Ψ** |
| psi | &psi; |  | **ψ** |
| Omega | &Omega; |  | **Ω** |
| omega | &omega; |  | **ω** |
| password dot | &#9679; |  | **●** |
| bullet | &#8226; |  | **•** |
| infinity | &#8734; | &infin; | **∞** |