

HTML Ascii

The ASCII character-set is used to send information between computers on the Internet.

The ASCII Character Set

ASCII stands for the "American Standard Code for Information Interchange". It was designed in the early 60's, as a standard character-set for computers and hardware devices like teleprinters and tapedrives.

ASCII is a 7-bit character set containing 128 characters.

It contains the numbers from 0-9, the uppercase and lowercase English letters from A to Z, and some special characters.

The character-sets used in modern computers, HTML, and Internet are all based on ASCII.

The following table lists the 128 ASCII characters and their equivalent HTML entity codes.

ASCII Printable Characters

ASCII Character	HTML Entity Code	Description
	 	space
!	!	exclamation mark
"	"	quotation mark
#	#	number sign
\$	$	dollar sign
%	%	percent sign
&	&	ampersand
'	'	apostrophe
((left parenthesis
))	right parenthesis
*	*	asterisk
+	+	plus sign
,	,	comma
-	-	hyphen
.	.	period
/	/	slash
0	0	digit 0
1	1	digit 1
2	2	digit 2
3	3	digit 3
4	4	digit 4
5	5	digit 5
6	6	digit 6
7	7	digit 7
8	8	digit 8
9	9	digit 9
:	:	colon
;	;	semicolon
<	<	less-than

=	=	equals-to
>	>	greater-than
?	?	question mark
@	@	at sign
A	A	uppercase A
B	B	uppercase B
C	C	uppercase C
D	D	uppercase D
E	E	uppercase E
F	F	uppercase F
G	G	uppercase G
H	H	uppercase H
I	I	uppercase I
J	J	uppercase J
K	K	uppercase K
L	L	uppercase L
M	M	uppercase M
N	N	uppercase N
O	O	uppercase O
P	P	uppercase P
Q	Q	uppercase Q
R	R	uppercase R
S	S	uppercase S
T	T	uppercase T
U	U	uppercase U
V	V	uppercase V
W	W	uppercase W
X	X	uppercase X
Y	Y	uppercase Y
Z	Z	uppercase Z
[[left square bracket
\	\	backslash
]]	right square bracket
^	^	caret
_	_	underscore
`	`	grave accent
a	a	lowercase a
b	b	lowercase b
c	c	lowercase c
d	d	lowercase d
e	e	lowercase e
f	f	lowercase f
g	g	lowercase g
h	h	lowercase h
i	i	lowercase i
j	j	lowercase j

k	k	lowercase k
l	l	lowercase l
m	m	lowercase m
n	n	lowercase n
o	o	lowercase o
p	p	lowercase p
q	q	lowercase q
r	r	lowercase r
s	s	lowercase s
t	t	lowercase t
u	u	lowercase u
v	v	lowercase v
w	w	lowercase w
x	x	lowercase x
y	y	lowercase y
z	z	lowercase z
{	{	left curly brace
	|	vertical bar
}	}	right curly brace
~	~	tilde

ASCII Device Control Characters

The ASCII device control characters were originally designed to control hardware devices.

Control characters have nothing to do inside an HTML document.

ASCII Character	HTML Entity Code	Description
NUL	�	null character
SOH		start of header
STX		start of text
ETX		end of text
EOT		end of transmission
ENQ		enquiry
ACK		acknowledge
BEL		bell (ring)
BS		backspace
HT			horizontal tab
LF	
	line feed
VT		vertical tab
FF		form feed
CR		carriage return
SO		shift out
SI		shift in
DLE		data link escape
DC1		device control 1
DC2		device control 2
DC3		device control 3

DC4		device control 4
NAK		negative acknowledge
SYN		synchronize
ETB		end transmission block
CAN		cancel
EM		end of medium
SUB		substitute
ESC		escape
FS		file separator
GS		group separator
RS		record separator
US		unit separator
DEL		delete (rubout)