

NON PRINTABLE CHARACTERS

DEC	HEX	CHARACTER (CODE)	DEC	HEX	CHARACTER (CODE)
0	0	NULL	16	10	DATA LINK ESCAPE (DLE)
1	1	START OF HEADING (SOH)	17	11	DEVICE CONTROL 1 (DC1)
2	2	START OF TEXT (STX)	18	12	DEVICE CONTROL 2 (DC2)
3	3	END OF TEXT (ETX)	19	13	DEVICE CONTROL 3 (DC3)
4	4	END OF TRANSMISSION (EOT)	20	14	DEVICE CONTROL 4 (DC4)
5	5	END OF QUERY (ENQ)	21	15	NEGATIVE ACKNOWLEDGEMENT (NAK)
6	6	ACKNOWLEDGE (ACK)	22	16	SYNCHRONIZE (SYN)
7	7	BEEP (BEL)	23	17	END OF TRANSMISSION BLOCK (ETB)
8	8	BACKSPACE (BS)	24	18	CANCEL (CAN)
9	9	HORIZONTAL TAB (HT)	25	19	END OF MEDIUM (EM)
10	A	LINE FEED (LF)	26	1A	SUBSTITUTE (SUB)
11	B	VERTICAL TAB (VT)	27	1B	ESCAPE (ESC)
12	C	FF (FORM FEED)	28	1C	FILE SEPARATOR (FS) RIGHT ARROW
13	D	CR (CARRIAGE RETURN)	29	1D	GROUP SEPARATOR (GS) LEFT ARROW
14	E	SO (SHIFT OUT)	30	1E	RECORD SEPARATOR (RS) UP ARROW
15	F	SI (SHIFT IN)	31	1F	UNIT SEPARATOR (US) DOWN ARROW

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DEC	HEX	CHARACTER	DEC	HEX	CHARACTER	DEC	HEX	CHARACTER
32	0x20	<SPACE>	64	0x40	@	96	0x60	`
33	0x21	!	65	0x41	A	97	0x61	a
34	0x22	"	66	0x42	B	98	0x62	b
35	0x23	#	67	0x43	C	99	0x63	c
36	0x24	\$	68	0x44	D	100	0x64	d
37	0x25	%	69	0x45	E	101	0x65	e
38	0x26	&	70	0x46	F	102	0x66	f
39	0x27	'	71	0x47	G	103	0x67	g
40	0x28	(	72	0x48	H	104	0x68	h
41	0x29	)	73	0x49	I	105	0x69	i
42	0x2A	*	74	0x4A	J	106	0x6A	j
43	0x2B	+	75	0x4B	K	107	0x6B	k
44	0x2C	,	76	0x4C	L	108	0x6C	l
45	0x2D	-	77	0x4D	M	109	0x6D	m
46	0x2E	.	78	0x4E	N	110	0x6E	n
47	0x2F	/	79	0x4F	O	111	0x6F	o
48	0x30	0	80	0x50	P	112	0x70	p
49	0x31	1	81	0x51	Q	113	0x71	q
50	0x32	2	82	0x52	R	114	0x72	r
51	0x33	3	83	0x53	S	115	0x73	s
52	0x34	4	84	0x54	T	116	0x74	t
53	0x35	5	85	0x55	U	117	0x75	u
54	0x36	6	86	0x56	V	118	0x76	v
55	0x37	7	87	0x57	W	119	0x77	w
56	0x38	8	88	0x58	X	120	0x78	x
57	0x39	9	89	0x59	Y	121	0x79	y
58	0x3A	:	90	0x5A	Z	122	0x7A	z
59	0x3B	;	91	0x5B	[	123	0x7B	{
60	0x3C	<	92	0x5C	\	124	0x7C	|
61	0x3D	=	93	0x5D	]	125	0x7D	}
62	0x3E	>	94	0x5E	^	126	0x7E	~
63	0x3F	?	95	0x5F	_	127	0x7F	<DEL>

EXTENDED ASCII CHARACTERS

DEC	HEX	CHARACTER	DEC	HEX	CHARACTER	DEC	HEX	CHARACTER
128	0x80	€	171	0xAB	«	214	0xD6	Ö
129	0x81	□	172	0xAC	¬	215	0xD7	×
130	0x82	,	173	0xAD		216	0xD8	Ø
131	0x83	f	174	0xAE	®	217	0xD9	Ù
132	0x84	„	175	0xAF	—	218	0xDA	Ú
133	0x85	...	176	0xB0	°	219	0xDB	Û
134	0x86	†	177	0xB1	±	220	0xDC	Ü
135	0x87	‡	178	0xB2	²	221	0xDD	Ý
136	0x88	^	179	0xB3	³	222	0xDE	Þ
137	0x89	‰	180	0xB4	´	223	0xDF	ß
138	0x8A	Š	181	0xB5	µ	224	0xE0	à
139	0x8B	‹	182	0xB6	¶	225	0xE1	á
140	0x8C	Œ	183	0xB7	·	226	0xE2	â
141	0x8D	□	184	0xB8	¸	227	0xE3	ã
142	0x8E	Ž	185	0xB9	¹	228	0xE4	ä
143	0x8F	□	186	0xBA	º	229	0xE5	å
144	0x90	□	187	0xBB	»	230	0xE6	æ
145	0x91	‘	188	0xBC	¼	231	0xE7	ç
146	0x92	’	189	0xBD	½	232	0xE8	è
147	0x93	“	190	0xBE	¾	233	0xE9	é
148	0x94	”	191	0xBF	¿	234	0xEA	ê
149	0x95	•	192	0xC0	À	235	0xEB	ë
150	0x96	—	193	0xC1	Á	236	0xEC	ì
151	0x97	—	194	0xC2	Â	237	0xED	í
152	0x98	~	195	0xC3	Ã	238	0xEE	î
153	0x99	™	196	0xC4	Ä	239	0xEF	ï
154	0x9A	š	197	0xC5	Å	240	0xF0	ð
155	0x9B	›	198	0xC6	Æ	241	0xF1	ñ
156	0x9C	œ	199	0xC7	Ç	242	0xF2	ò
157	0x9D	□	200	0xC8	È	243	0xF3	ó
158	0x9E	ž	201	0xC9	É	244	0xF4	ô
159	0x9F	ÿ	202	0xCA	Ê	245	0xF5	õ
160	0xA0		203	0xCB	Ë	246	0xF6	ö
161	0xA1	ï	204	0xCC	Ì	247	0xF7	÷
162	0xA2	ç	205	0xCD	Í	248	0xF8	ø
163	0xA3	£	206	0xCE	Î	249	0xF9	ù
164	0xA4	¤	207	0xCF	Ï	250	0xFA	ú
165	0xA5	¥	208	0xD0	Ð	251	0xFB	û
166	0xA6	¡	209	0xD1	Ñ	252	0xFC	ü
167	0xA7	§	210	0xD2	Ò	253	0xFD	ý
168	0xA8	¨	211	0xD3	Ó	254	0xFE	þ
169	0xA9	©	212	0xD4	Ô	255	0xFF	ÿ
170	0xAA	ª	213	0xD5	Õ			