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ASCII	Decimal	Hexadecimal	Binary
null	0	0	0
start of header	1	1	1
start of text	2	2	10
end of text	3	3	11
end of transmission	4	4	100
enquire	5	5	101
acknowledge	6	6	110
bell	7	7	111
backspace	8	8	1000
horizontal tab	9	9	1001
linefeed	10	A	1010
vertical tab	11	B	1011
form feed	12	C	1100
carriage return	13	D	1101
shift out	14	E	1110
shift in	15	F	1111
data link escape	16	10	10000
device control 1/Xon	17	11	10001
device control 2	18	12	10010
device control 3/Xoff	19	13	10011
device control 4	20	14	10100
negative acknowledge	21	15	10101
synchronous idle	22	16	10110
end of transmission block	23	17	10111
cancel	24	18	11000
end of medium	25	19	11001
end of file/ substitute	26	1A	11010
escape	27	1B	11011
file separator	28	1C	11100
group separator	29	1D	11101
record separator	30	1E	11110
unit separator	31	1F	11111
space	32	20	100000
!	33	21	100001
"	34	22	100010
#	35	23	100011
$	36	24	100100
%	37	25	100101
&	38	26	100110
'	39	27	100111
(	40	28	101000
)	41	29	101001
*	42	2A	101010
+	43	2B	101011
,	44	2C	101100
-	45	2D	101101

.	46	2E	101110
/	47	2F	101111
0	48	30	110000
1	49	31	110001
2	50	32	110010
3	51	33	110011
4	52	34	110100
5	53	35	110101
6	54	36	110110
7	55	37	110111
8	56	38	111000
9	57	39	111001
:	58	3A	111010
;	59	3B	111011
<	60	3C	111100
=	61	3D	111101
>	62	3E	111110
?	63	3F	111111
@	64	40	1000000
A	65	41	1000001
B	66	42	1000010
C	67	43	1000011
D	68	44	1000100
E	69	45	1000101
F	70	46	1000110
G	71	47	1000111
H	72	48	1001000
I	73	49	1001001
J	74	4A	1001010
K	75	4B	1001011
L	76	4C	1001100
M	77	4D	1001101
N	78	4E	1001110
O	79	4F	1001111
P	80	50	1010000
Q	81	51	1010001
R	82	52	1010010
S	83	53	1010011
T	84	54	1010100
U	85	55	1010101
V	86	56	1010110
W	87	57	1010111
X	88	58	1011000
Y	89	59	1011001
Z	90	5A	1011010
[	91	5B	1011011
\	92	5C	1011100

]	93	5D	1011101
^	94	5E	1011110
_	95	5F	1011111
`	96	60	1100000
a	97	61	1100001
b	98	62	1100010
c	99	63	1100011
d	100	64	1100100
e	101	65	1100101
f	102	66	1100110
g	103	67	1100111
h	104	68	1101000
i	105	69	1101001
j	106	6A	1101010
k	107	6B	1101011
l	108	6C	1101100
m	109	6D	1101101
n	110	6E	1101110
o	111	6F	1101111
p	112	70	1110000
q	113	71	1110001
r	114	72	1110010
s	115	73	1110011
t	116	74	1110100
u	117	75	1110101
v	118	76	1110110
w	119	77	1110111
x	120	78	1111000
y	121	79	1111001
z	122	7A	1111010
{	123	7B	1111011
|	124	7C	1111100
}	125	7D	1111101
~	126	7E	1111110
DEL	127	7F	1111111
	128	80	10000000
	129	81	10000001
	130	82	10000010
	131	83	10000011
	132	84	10000100
	133	85	10000101
	134	86	10000110
	135	87	10000111
	136	88	10001000
	137	89	10001001
	138	8A	10001010
	139	8B	10001011

	140	8C	10001100
	141	8D	10001101
	142	8E	10001110
	143	8F	10001111
	144	90	10010000
	145	91	10010001
	146	92	10010010
	147	93	10010011
	148	94	10010100
	149	95	10010101
	150	96	10010110
	151	97	10010111
	152	98	10011000
	153	99	10011001
	154	9A	10011010
	155	9B	10011011
	156	9C	10011100
	157	9D	10011101
	158	9E	10011110
	159	9F	10011111
	160	A0	10100000
	161	A1	10100001
	162	A2	10100010
	163	A3	10100011
	164	A4	10100100
	165	A5	10100101
	166	A6	10100110
	167	A7	10100111
	168	A8	10101000
	169	A9	10101001
	170	AA	10101010
	171	AB	10101011
	172	AC	10101100
	173	AD	10101101
	174	AE	10101110
	175	AF	10101111
	176	B0	10110000
	177	B1	10110001
	178	B2	10110010
	179	B3	10110011
	180	B4	10110100
	181	B5	10110101
	182	B6	10110110
	183	B7	10110111
	184	B8	10111000
	185	B9	10111001
	186	BA	10111010

	187	BB	10111011
	188	BC	10111100
	189	BD	10111101
	190	BE	10111110
	191	BF	10111111
	192	C0	11000000
	193	C1	11000001
	194	C2	11000010
	195	C3	11000011
	196	C4	11000100
	197	C5	11000101
	198	C6	11000110
	199	C7	11000111
	200	C8	11001000
	201	C9	11001001
	202	CA	11001010
	203	CB	11001011
	204	CC	11001100
	205	CD	11001101
	206	CE	11001110
	207	CF	11001111
	208	D0	11010000
	209	D1	11010001
	210	D2	11010010
	211	D3	11010011
	212	D4	11010100
	213	D5	11010101
	214	D6	11010110
	215	D7	11010111
	216	D8	11011000
	217	D9	11011001
	218	DA	11011010
	219	DB	11011011
	220	DC	11011100
	221	DD	11011101
	222	DE	11011110
	223	DF	11011111
	224	E0	11100000
	225	E1	11100001
	226	E2	11100010
	227	E3	11100011
	228	E4	11100100
	229	E5	11100101
	230	E6	11100110
	231	E7	11100111
	232	E8	11101000
	233	E9	11101001

	234	EA	11101010
	235	EB	11101011
	236	EC	11101100
	237	ED	11101101
	238	EE	11101110
	239	EF	11101111
	240	F0	11110000
	241	F1	11110001
	242	F2	11110010
	243	F3	11110011
	244	F4	11110100
	245	F5	11110101
	246	F6	11110110
	247	F7	11110111
	248	F8	11111000
	249	F9	11111001
	250	FA	11111010
	251	FB	11111011
	252	FC	11111100
	253	FD	11111101
	254	FE	11111110
	255	FF	11111111

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