

# Commodore 64 PETSCII codes

(with key combinations)

PETSCII code (dec, hex)	Character (up/gfx, lo/up)	Key combination	PETSCII code (dec, hex)	Character (up/gfx, lo/up)	Key combination
0 \$00		Ctrl-@ (at)	128 \$80		
1 \$01		Ctrl-A	129 \$81	orange	C=-1
2 \$02		Ctrl-B	130 \$82		
3 \$03	Stop	Run/Stop, Ctrl-C	131 \$83	Run	Shift-Run/Stop
4 \$04		Ctrl-D	132 \$84		
5 \$05	white	Ctrl-2, Ctrl-E	133 \$85	F1	F1/F2
6 \$06		Ctrl-F	134 \$86	F3	F3/F4
7 \$07		Ctrl-G	135 \$87	F5	F5/F6
8 \$08	disable C=Shift	Ctrl-H	136 \$88	F7	F7/F8
9 \$09	enable C=Shift	Ctrl-I	137 \$89	F2	Shift-F1/F2
10 \$0A		Ctrl-J	138 \$8A	F4	Shift-F3/F4
11 \$0B		Ctrl-K	139 \$8B	F6	Shift-F5/F6
12 \$0C		Ctrl-L	140 \$8C	F8	Shift-F7/F8
13 \$0D	Return	Return, Ctrl-M	141 \$8D	Shift-Return	Shift-Return
14 \$0E	lo/up charset	Ctrl-N	142 \$8E	up/gfx charset	
15 \$0F		Ctrl-O	143 \$8F		
16 \$10		Ctrl-P	144 \$90	black	Ctrl-1
17 \$11	cursor down	cursor up/down, Ctrl-Q	145 \$91	cursor up	Shift-cursor up/down
18 \$12	reverse on	Ctrl-9, Ctrl-R	146 \$92	reverse off	Ctrl-0

19	\$13	Home	Clear/Home, Ctrl-S	147	\$93	Clear	Shift-Clear/Home
20	\$14	Delete	Insert/Delete, Ctrl-T	148	\$94	Insert	Shift-Insert/Delete
21	\$15		Ctrl-U	149	\$95	brown	C=-2
22	\$16		Ctrl-V	150	\$96	pink	C=-3
23	\$17		Ctrl-W	151	\$97	dark grey	C=-4
24	\$18		Ctrl-X	152	\$98	grey	C=-5
25	\$19		Ctrl-Y	153	\$99	light green	C=-6
26	\$1A		Ctrl-Z	154	\$9A	light blue	C=-7
27	\$1B		Ctrl-: (colon)	155	\$9B	light grey	C=-8
28	\$1C	red	Ctrl-3, Ctrl-£ (pound)	156	\$9C	purple	Ctrl-5
29	\$1D	cursor right	cursor left/right, Ctrl-; (semicolon)	157	\$9D	cursor left	Shift-cursor left/right
30	\$1E	green	Ctrl-6, Ctrl-↑ (up arrow)	158	\$9E	yellow	Ctrl-8
31	\$1F	blue	Ctrl-7, Ctrl-= (equal)	159	\$9F	cyan	Ctrl-4
32	\$20	□	Space	160	\$A0	□	Shift-Space
33	\$21	■	Shift-1	161	\$A1	■	C=-K
34	\$22	■■	Shift-2	162	\$A2	■■	C=-I
35	\$23	■■■	Shift-3	163	\$A3	■■■	C=-T
36	\$24	■■■■	Shift-4	164	\$A4	■■■■	C=-@ (at)
37	\$25	■■■■■	Shift-5	165	\$A5	■■■■■	C=-G
38	\$26	■■■■■■	Shift-6	166	\$A6	■■■■■■	C=-+ (plus)
39	\$27	■■■■■■■	Shift-7	167	\$A7	■■■■■■■	C=-M
40	\$28	■■■■■■■■	Shift-8	168	\$A8	■■■■■■■■	C=-£ (pound)
41	\$29	■■■■■■■■■	Shift-9	169	\$A9	■■■■■■■■■	Shift-£ (pound)
42	\$2A	■■■■■■■■■■	* (asterisk)	170	\$AA	■■■■■■■■■■	C=-N

43	\$2B		+ (plus)	171	\$AB			C=-Q	
44	\$2C		, (comma)	172	\$AC			C=-D	
45	\$2D		- (minus)	173	\$AD			C=-Z	
46	\$2E		. (period)	174	\$AE			C=-S	
47	\$2F		/ (slash)	175	\$AF			C=-P	
48	\$30		0	176	\$B0			C=-A	
49	\$31		1	177	\$B1			C=-E	
50	\$32		2	178	\$B2			C=-R	
51	\$33		3	179	\$B3			C=-W	
52	\$34		4	180	\$B4			C=-H	
53	\$35		5	181	\$B5			C=-J	
54	\$36		6	182	\$B6			C=-L	
55	\$37		7	183	\$B7			C=-Y	
56	\$38		8	184	\$B8			C=-U	
57	\$39		9	185	\$B9			C=-O	
58	\$3A		: (colon)	186	\$BA	 		Shift-@ (at)	
59	\$3B		; (semicolon)	187	\$BB			C=-F	
60	\$3C		Shift-, (comma)	188	\$BC			C=-C	
61	\$3D		= (equal)	189	\$BD			C=-X	
62	\$3E		Shift-. (period)	190	\$BE			C=-V	
63	\$3F		Shift-/ (slash)	191	\$BF			C=-B	
64	\$40		@ (at)	192	\$C0			Shift-* (asterisk)	
65	\$41			A	193	\$C1			Shift-A
66	\$42			B	194	\$C2			Shift-B
67	\$43			C	195	\$C3			Shift-C

68	\$44	D	d	D	196	\$C4	■	D	Shift-D
69	\$45	E	e	E	197	\$C5	■	E	Shift-E
70	\$46	F	f	F	198	\$C6	■	F	Shift-F
71	\$47	G	g	G	199	\$C7	■	G	Shift-G
72	\$48	H	h	H	200	\$C8	■	H	Shift-H
73	\$49	I	i	I	201	\$C9	■	I	Shift-I
74	\$4A	J	j	J	202	\$CA	■	J	Shift-J
75	\$4B	K	k	K	203	\$CB	■	K	Shift-K
76	\$4C	L	l	L	204	\$CC	■	L	Shift-L
77	\$4D	M	m	M	205	\$CD	■	M	Shift-M
78	\$4E	N	n	N	206	\$CE	■	N	Shift-N
79	\$4F	O	o	O	207	\$CF	■	O	Shift-O
80	\$50	P	p	P	208	\$D0	■	P	Shift-P
81	\$51	Q	q	Q	209	\$D1	■	Q	Shift-Q
82	\$52	R	r	R	210	\$D2	■	R	Shift-R
83	\$53	S	s	S	211	\$D3	■	S	Shift-S
84	\$54	T	t	T	212	\$D4	■	T	Shift-T
85	\$55	U	u	U	213	\$D5	■	U	Shift-U
86	\$56	V	v	V	214	\$D6	■	V	Shift-V
87	\$57	W	w	W	215	\$D7	■	W	Shift-W
88	\$58	X	x	X	216	\$D8	■	X	Shift-X
89	\$59	Y	y	Y	217	\$D9	■	Y	Shift-Y
90	\$5A	Z	z	Z	218	\$DA	■	Z	Shift-Z
91	\$5B	colon		Shift-: (colon)	219	\$DB	+		Shift-+ (plus)
92	\$5C	pound		£ (pound)	220	\$DC	■		C--- (minus)

93	\$5D		Shift-; (semicolon)	221	\$DD		Shift-- (minus)
94	\$5E		↑ (up arrow)	222	\$DE	 	Shift-↑ (up arrow)
95	\$5F		← (left arrow)	223	\$DF	 	C=-* (asterisk)
96	\$60			224	\$E0		
97	\$61			225	\$E1		
98	\$62			226	\$E2		
99	\$63			227	\$E3		
100	\$64			228	\$E4		
101	\$65			229	\$E5		
102	\$66			230	\$E6		
103	\$67			231	\$E7		
104	\$68			232	\$E8		
105	\$69			233	\$E9	 	
106	\$6A			234	\$EA		
107	\$6B			235	\$EB		
108	\$6C			236	\$EC		
109	\$6D			237	\$ED		
110	\$6E			238	\$EE		
111	\$6F			239	\$EF		
112	\$70			240	\$F0		
113	\$71			241	\$F1		
114	\$72			242	\$F2		
115	\$73			243	\$F3		
116	\$74			244	\$F4		
117	\$75			245	\$F5		

118	\$76				246	\$F6			
119	\$77				247	\$F7			
120	\$78				248	\$F8			
121	\$79				249	\$F9			
122	\$7A				250	\$FA			
123	\$7B				251	\$FB			
124	\$7C				252	\$FC			
125	\$7D				253	\$FD			
126	\$7E				254	\$FE			
127	\$7F				255	\$FF			

## Notes:

1. Codes \$00-\$1F and \$80-\$9F are control codes. Printing them will cause a change in screen layout or behavior, not an actual character displayed.
2. Codes \$60-\$7F and \$E0-\$FE are not used. Although you can print them, these are, actually, copies of codes \$C0-\$DF and \$A0-\$BE.
3. Code \$FF is the BASIC token of the  $\pi$  (pi) symbol. It is converted internally to code \$DE when printed and, vice versa, code \$DE is converted to \$FF when fetched from the screen. However, when reading the keyboard buffer, you will find code \$DE for Shift-↑ (up arrow) as no conversion takes place there yet.