

# General MIDI instrument codes

The following table lists the standard sequence of instruments (timbres) which are specified by General MIDI. The number to the left of the instrument name is the number for the instrument in General MIDI.

## Piano Timbres:

0 Acoustic Grand Piano  
1 Bright Acoustic Piano  
2 Electric Grand Piano  
3 Honky-tonk Piano  
4 Rhodes Piano  
5 Chorused Piano  
6 Harpsichord  
7 Clavinet

## Chromatic Percussion:

8 Celesta  
9 Glockenspiel  
10 Music Box  
11 Vibraphone  
12 Marimba  
13 Xylophone  
14 Tubular Bells  
15 Dulcimer

## Organ Timbres:

16 Hammond Organ  
17 Percussive Organ  
18 Rock Organ  
19 Church Organ  
20 Reed Organ  
21 Accordion  
22 Harmonica  
23 Tango Accordion

## Guitar Timbres:

24 Acoustic Nylon Guitar  
25 Acoustic Steel Guitar  
26 Electric Jazz Guitar  
27 Electric Clean Guitar  
28 Electric Muted Guitar  
29 Overdriven Guitar  
30 Distortion Guitar  
31 Guitar Harmonics

## Bass Timbres:

32 Acoustic Bass  
33 Fingered Electric Bass  
34 Plucked Electric Bass  
35 Fretless Bass  
36 Slap Bass 1  
37 Slap Bass 2  
38 Synth Bass 1  
39 Synth Bass 2

## String Timbres:

40 Violin  
41 Viola  
42 Cello  
43 Contrabass  
44 Tremolo Strings  
45 Pizzicato Strings  
46 Orchestral Harp  
47 Timpani

## Ensemble Timbres:

48 String Ensemble 1  
49 String Ensemble 2  
50 Synth Strings 1  
51 Synth Strings 2  
52 Choir "Aah"  
53 Choir "Ooh"  
54 Synth Voice  
55 Orchestral Hit

## Brass Timbres:

56 Trumpet  
57 Trombone  
58 Tuba  
59 Muted Trumpet  
60 French Horn  
61 Brass Section  
62 Synth Brass 1  
63 Synth Brass 2

## Reed Timbres:

64 Soprano Sax  
65 Alto Sax  
66 Tenor Sax  
67 Baritone Sax  
68 Oboe  
69 English Horn  
70 Bassoon  
71 Clarinet

## Pipe Timbres:

72 Piccolo  
73 Flute  
74 Recorder  
75 Pan Flute  
76 Bottle Blow  
77 Shakuhachi  
78 Whistle  
79 Ocarina

## Synth Lead:

80 Square Wave Lead  
81 Sawtooth Wave Lead  
82 Calliope Lead  
83 Chiff Lead  
84 Charang Lead  
85 Voice Lead  
86 Fifths Lead  
87 Bass Lead

## Synth Pad:

88 New Age Pad  
89 Warm Pad  
90 Polysynth Pad  
91 Choir Pad  
92 Bowed Pad  
93 Metallic Pad  
94 Halo Pad  
95 Sweep Pad

## Synth Effects:

96 Rain Effect  
97 Soundtrack Effect  
98 Crystal Effect  
99 Atmosphere Effect  
100 Brightness Effect  
101 Goblins Effect  
102 Echoes Effect  
103 Sci-Fi Effect

## Ethnic Timbres:

104 Sitar  
105 Banjo  
106 Shamisen  
107 Koto  
108 Kalimba  
109 Bagpipe  
110 Fiddle  
111 Shanai

## Sound Effects:

112 Tinkle Bell  
113 Agogo  
114 Steel Drums  
115 Woodblock  
116 Taiko Drum  
117 Melodic Tom  
118 Synth Drum  
119 Reverse Cymbal

## Sound Effects:

120 Guitar Fret Noise  
121 Breath Noise  
122 Seashore  
123 Bird Tweet

124 Telephone Ring  
125 Helicopter  
126 Applause  
127 Gun Shot

Instruments can be selected by using the MIDI command byte (0xc0) followed by a data byte which is one of the above numbers (minus 1).

In General MIDI, Channel 10 is reserved for percussion sets. Here is a list of the percussion instruments assigned to each MIDI note number when using General MIDI Channel 10:

35 Acoustic Bass Drum	51 Ride Cymbal 1	67 High Agogo
36 Bass Drum 1	52 Chinese Cymbal	68 Low Agogo
37 Side Stick	53 Ride Bell	69 Cabasa
38 Acoustic Snare	54 Tambourine	70 Maracas
39 Hand Clap	55 Splash Cymbal	71 Short Whistle
40 Electric Snare	56 Cowbell	72 Long Whistle
41 Low Floor Tom	57 Crash Cymbal 2	73 Short Guiro
42 Closed High Hat	58 Vibraslap	74 Long Guiro
43 High Floor Tom	59 Ride Cymbal 2	75 Claves
44 Pedal High Hat	60 High Bongo	76 High Wood Block
45 Low Tom	61 Low Bongo	77 Low Wood Block
46 Open High Hat	62 Mute High Conga	78 Mute Cuica
47 Low Mid Tom	63 Open High Conga	79 Open Cuica
48 High Mid Tom	64 Low Conga	80 Mute Triangle
49 Crash Cymbal 1	65 High Timbale	81 Open Triangle
50 High Tom	66 Low Timbale	