

Alternate Guitar Tunings for the VG-99

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Name	String #						Semitone Offsets for VG-99: -24 to 24						
	6	5	4	3	2	1	6	5	4	3	2	1	
Standard	E2	A2	D3	G3	B3	E4		0	0	0	0	0	0
Standard 8vb	E1	A1	D2	G2	B2	E3		-12	-12	-12	-12	-12	-12
Standard 8va	E3	A3	D4	G4	B4	E5		12	12	12	12	12	12
BaritoneGuitar	B1	E2	A2	D3	F#3	B3		-5	-5	-5	-5	-5	-5
All 5ths (Cello)	C2	G2	D3	A3	E4	B4		-4	-2	0	2	5	7
All 5ths (F+Cello)	F1	C2	G2	D3	A3	E4		-11	-9	-7	-5	-2	0
All 5ths (Violin 8vb)	G2	D3	A3	E4	B4	F#5		3	5	7	9	12	14
6-Str Bass (4ths)	B0	E1	A1	D2	G2	C3		-17	-17	-17	-17	-16	-16
Gambale	A2	D3	G3	C4	E3	A3		5	5	5	5	-7	-7

Bold Pitches for Standard Tuning

c' = C4' = MIDI Note # 60

Trad. Oct. Ref.
MIDI Octave #

CCCC	CCC	CC	C	c	c'	c''	c'''	c''''	c'''''	c''''''
-1	0	1	2	3	4	5	6	7	8	9
C	C	C	C	C	C	C	C	C	C	C
C#	C#	C#	C#	C#	C#	C#	C#	C#	C#	C#
D	D	D	D	D	D	D	D	D	D	D
D#	D#	D#	D#	D#	D#	D#	D#	D#	D#	D#
E	E	E	E	E	E	E	E	E	E	E
F	F	F	F	F	F	F	F	F	F	F
F#	F#	F#	F#	F#	F#	F#	F#	F#	F#	F#
G	G	G	G	G	G	G	G	G	G	G
G#	G#	G#	G#	G#	G#	G#	G#	G#	G#	G#
A	A	A	A	A	A	A	A	A	A	A
A#	A#	A#	A#	A#	A#	A#	A#	A#	A#	A#
B	B	B	B	B	B	B	B	B	B	B

Semitone Offsets from Standard Tuning

Standard (15ma)

24	E4	A4	D5	G5	B5	E6
23	D#4	G#4	C#5	F#5	A#5	D#6
22	D4	G4	C5	F5	A5	D6
21	C#4	F#4	B4	E5	G#5	C#6
20	C4	F4	A#4	D#5	G5	C6
19	B3	E4	A4	D5	F#5	B5
18	A#3	D#4	G#4	C#5	F5	A#5
17	A3	D4	G4	C5	E5	A5
16	G#3	C#4	F#4	B4	D#5	G#5
15	G3	C4	F4	A#4	D5	G5
14	F#3	B3	E4	A4	C#5	F#5
13	F3	A#3	D#4	G#4	C5	F5
12	E3	A3	D4	G4	B4	E5
11	D#3	G#3	C#4	F#4	A#4	D#5
10	D3	G3	C4	F4	A4	D5
9	C#3	F#3	B3	E4	G#4	C#5
8	C3	F3	A#3	D#4	G4	C5
7	B2	E3	A3	D4	F#4	B4
6	A#2	D#3	G#3	C#4	F4	A#4
5	A2	D3	G3	C4	E4	A4
4	G#2	C#3	F#3	B3	D#4	G#4
3	G2	C3	F3	A#3	D4	G4
2	F#2	B2	E3	A3	C#4	F#4
1	F2	A#2	D#3	G#3	C4	F4
0	E2	A2	D3	G3	B3	E4
-1	D#2	G#2	C#3	F#3	A#3	D#4
-2	D2	G2	C3	F3	A3	D4
-3	C#2	F#2	B2	E3	G#3	C#4
-4	C2	F2	A#2	D#3	G3	C4
-5	B1	E2	A2	D3	F#3	B3
-6	A#1	D#2	G#2	C#3	F3	A#3
-7	A1	D2	G2	C3	E3	A3
-8	G#1	C#2	F#2	B2	D#3	G#3
-9	G1	C2	F2	A#2	D3	G3
-10	F#1	B1	E2	A2	C#3	F#3
-11	F1	A#1	D#2	G#2	C3	F3

Standard (8va)

Standard

Standard (8vb)

-12	E1	A1	D2	G2	B2	E3
-13	D#1	G#1	C#2	F#2	A#2	D#3
-14	D1	G1	C2	F2	A2	D3
-15	C#1	F#1	B1	E2	G#2	C#3
-16	C1	F1	A#1	D#2	G2	C3
-17	B0	E1	A1	D2	F#2	B2
-18	A#0	D#1	G#1	C#2	F2	A#2
-19	A0	D1	G1	C2	E2	A2
-20	G#0	C#1	F#1	B1	D#2	G#2
-21	G0	C1	F1	A#1	D2	G2
-22	F#0	B0	E1	A1	C#2	F#2
-23	F0	A#0	D#1	G#1	C2	F2
-24	E0	A0	D1	G1	B1	E2

Standard (15vb)

Primary Scale Choice Recommendations

Based on C Root for Reference

Chromatic
 Whole Tone
 Minor 3rds
 Major 3rds
 Major
 Diminished Dom.

C	C#	D	D#	E	F	F#	G	G#	A	A#	B	(C)
C		D		E		F#		F#		A#		(C)
C			D#			F#			A			(C)
C				E				G#				(C)
C		D		E	F		G		A		B	(C)
C	C#		D#	E		F#	F		A	A#		(C)

Intervallic Scale Structure

Semitone Intervals
 Chromatic
 Whole Tone
 Minor 3rds
 Major 3rds
 Major
 Diminished Dom.

0	1	2	3	4	5	6	7	8	9	10	11	12
0	1	1	1	1	1	1	1	1	1	1	1	1
0		2		2		2		2		2		2
0			3			3			3			3
0				4				4				4
0		2		2	1		2		2		2	1
0	1		2	1		2	1		2	1		2