

# Finale Transposition Chart, by Motet (12/11/2023)

Trans.	Written	Key Signature Transposition	Chromatic Transposition	Usage (Some Common Western Instruments)
C	Down 2 octaves	-14,0	-15,0	Glockenspiel
D $\flat$	Down min. 9th	-8,5	-9,1	D $\flat$ Piccolo
C*	Down octave	-7,0	-8,0	Piccolo, Celesta, Xylophone, Handbells, C Piccolo Trumpet
B $\flat$	Down min. 7th	-6,2	-7,1	B $\flat$ Piccolo Trumpet, Soprillo Sax
A	Down maj. 6th	-5,3	-6,0	A Piccolo Trumpet
A $\flat$	Down min. 6th	-5,4	-6,1	A $\flat$ Clarinet
F	Down perf. 4th	-3,1	-4,0	F Trumpet
E	Down maj. 3rd	-2,-4	-3,0	E Trumpet
E $\flat$ *	Down min. 3rd	-2,3	-3,1	E $\flat$ Clarinet, E $\flat$ Flute, E $\flat$ Trumpet, Soprano Cornet, Sopranino Sax
D*	Down maj. 2nd	-1,-2	-2,0	D Clarinet, D Trumpet
D $\flat$	Down min. 2nd	-1,5	-2,1	D $\flat$ Flute
C*	Untransposed	0,0	1,0	Non-transposing instruments, Horn in C alto
B	Up min. 2nd	1,-5	2,-1	Horn in B (natural) alto, B Trumpet
B $\flat$ *	Up maj. 2nd	1,2	2,0	B $\flat$ Clarinet, B $\flat$ Trumpet, Soprano Sax, Horn in B $\flat$ alto, Flugelhorn
A*	Up min. 3rd	2,-3	3,-1	A Clarinet, A Trumpet, Horn in A, Oboe d'Amore
A $\flat$	Up maj. 3rd	2,4	3,0	Horn in A $\flat$
G*	Up perf. 4th	3,-1	4,0	Horn in G, Alto Flute
G $\flat$	Up aug. 4th	3,6	4,1	Horn in G $\flat$
F#	Up dim. 5th	4,-6	5,-1	Horn in F#
F*	Up perf. 5th	4,1	5,0	Horn in F, English Horn, Basset Horn
E	Up min. 6th	5,-4	6,-1	Horn in E
E $\flat$ *	Up maj. 6th	5,3	6,0	Alto Clarinet, Alto Sax, Alto Horn (also called Tenor Horn, E $\flat$ Horn, or Althorn), Horn in E $\flat$ , E $\flat$ Tuba ( $\text{🎺}$ transposing)
D	Up min. 7th	6,-2	7,-1	Horn in D
D $\flat$	Up maj. 7th	6,5	7,0	Horn in D $\flat$
C*	Up octave	7,0	8,0	Double Bass ( $\text{🎸}$ ), Contrabassoon ( $\text{🎷}$ ), Horn in C, Guitar, Bass Flute, Bass Oboe, Heckelphone, C Bass Trumpet
B	Up min. 9th	8,-5	9,-1	Horn in B (natural)
B $\flat$ *	Up maj. 9th	8,2	9,0	Tenor Sax, B $\flat$ Bass Clarinet, Horn in B $\flat$ basso, B $\flat$ Bass Trumpet. B $\flat$ Tuba ( $\text{🎺}$ transposing), Baritone Horn, Tenor Trombone, Euphonium
A	Up octave plus min. 3rd	9,-3	10,-1	A Bass Clarinet, Horn in A basso
A $\flat$	Up octave plus maj. 3rd	9,4	10,0	Horn in A $\flat$ basso
G	Up octave plus perf. 4th	10,-1	11,0	Contra-alto Flute in G, Horn in G basso
F	Up octave plus perf. 5th	11,1	12,0	Contra-alto Flute in F
E $\flat$ *	Up octave plus maj. 6th	12,3	13,0	Baritone Sax, Contra-alto Clarinet, E $\flat$ Bass (Tuba)
C	Up 2 octaves	14,0	15,0	Contrabass Flute
B $\flat$	Up 2 octaves plus maj. 2nd	15,2	16,0	Bass Sax, Contrabass Clarinet, B $\flat$ Bass (Tuba)
E $\flat$	Up 2 octaves plus maj. 6th	19,3	20,0	Contrabass Sax
C	Up 3 octaves	21,0	22,0	Subcontrabass Flute
B $\flat$	Up 3 octaves plus maj. 2nd	22,2	23,0	Subcontrabass Sax, Tubax

The chart shows Interval,KeyAlter for Key Signature transposition and Interval,Alteration for Chromatic Transposition. Asterisks denote transpositions built into Finale; for others, choose Other and set Interval and Key Alter/Alteratiion as shown in the chart. All instruments are notated in treble clef unless otherwise indicated. The orchestral tuba and tenor trombone are usually written in bass or tenor clef at concert pitch; tuba and trombone transpositions above pertain to band music. Horns in bass clef were once written an octave lower than they are in treble clef; subtract 7 from Interval.

## Enharmonic Instrument Transposition

To change an instrument's transposition so that when a key signature of six sharps appears, six flats are used instead: use Key Signature transposition, add 1 to Interval, subtract 12 from Key Alter, and check Simplify Key. This can be applied to the entire staff and will only affect six sharps; other key signatures are unchanged.

Examples:

Instrument	Key Signature Transposition
E $\flat$ Clarinet	-1,-9
B $\flat$ Clarinet, B $\flat$ Trumpet, Soprano Sax	2,-10
B $\flat$ Tenor Sax, B $\flat$ Bass Clarinet, Baritone Horn	9,-10
E $\flat$ Alto Sax	6,-9
F Horn	5,-11

More generally, to change a particular key signature for a transposing instrument enharmonically from 5, 6, or 7 sharps to flats instead: use Key Signature transposition, add 1 to Interval, subtract 12 from Key Alter, and uncheck Simplify Key. To change from 5, 6, or 7 flats to sharps instead: use Key Signature transposition, subtract 1 from Interval, add 12 to Key Alter, and uncheck Simplify Key. This may unwantedly alter other keys in the piece, however, in which case the above should be applied via a staff style only to the section of the music that's in the key to be changed.