

TRANSPOSER

When expressed in Chord Numerals, a song's harmonic structure is independent of its Key (scale), making it easy to transpose to a Key that better matches voices or instruments. Start by circling the chords for the existing scale (adding 'm' for minor, 7 for sevenths, etc.) and noting the chord-numeral order. Then box the equivalent chords in the desired scale. You can also transpose each *note* of the song this way.

Major Chord	I	II	III	IV	V	VI	VII	I
minor chord	i	ii	iii	iv	v	vi	vii	i
Interval Number	1st	2nd	3rd	4th	5th	6th	7th	8th
Tonal Name	Tonic	Super-tonic	Mediant	Sub-dominant	Dominant	Sub-mediant	Sub-tonic	Tonic (Octave)
12 Major Scales								
C Major	C	D	E	F	G	A	B	C
D Major	D	E	F#	G	A	B	C#	D
E Major	E	F#	G#	A	B	C#	D#	E
F Major	F	G	A	Bb	C	D	E	F
G Major	G	A	B	C	D	E	F#	G
A Major	A	B	C#	D	E	F#	G#	A
B Major	B	C#	D#	E	F#	G#	A#	B
C#/Db Major	C#/Db	D#/Eb	F	F#/Gb	G#/Ab	A#/Bb	C	C#/Db
D#/Eb Major	D#/Eb	F	G	G#/Ab	A#/Bb	C	D	D#/Eb
F#/Gb Major	F#/Gb	G#/Ab	A#/Bb	B	C#/Db	D#/Eb	F	F#/Gb
G#/Ab Major	G#/Ab	A#/Bb	C	C#/Db	D#/Eb	F	G	G#/Ab
A#/Bb Major	A#/Bb	C	D	D#/Eb	F	G	A	A#/Bb
KeyCounts								
Major Scale	(Root)	2	2	1	2	2	2	1
Major Intervals	(Root)	2	4	5	7	9	11	12
Major Triad	(Root)	---	4	---	7	---	---	---

The most common chord progression is **I IV V7 I** (Tonic, Subdominant, Dominant 7th, Tonic). Example: **C F G7 C**.
 The Dominant 7th chord **V7** produces a tension that is resolved by playing its Tonic I chord. Example: **G7** resolves to **C**.
 The 12-Bar Blues progression follows this pattern: **I I I IV IV I I V IV I I**. Example: **CCC FF CC G F C C**.
 For an alternate sound, the minor sixth **vi** can sometimes be substituted for the Tonic I. Example: **Am** substitutes for **C**

To Transpose

- Determine the Key (scale) of the song (from the Key Signature).
- Circle the song's chords on the following chart. (Add *m*, 7, etc. as needed)
- Determine the corresponding Roman Numeral pattern.
- Pick the Key to transpose to.
- Box the new chords in the same Roman Numeral columns and apply the pattern.

Example

C-Major
 C-Am-G7-C
 I-vi-V7-I
 G-Major
 G-Em-D7-G

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Tonal Name	Tonic	Super-tonic	Mediant	Sub-dominant	Dominant	Sub-mediant	Sub-tonic	Tonic (Octave)
12 Major Scales								
C Major	C	D	E	F	G7	A ^m	B	C
D Major	D	E	F#	G	A	B	C#	D
E Major	E	F#	G#	A	B	C#	D#	E
F Major	F	G	A	Bb	C	D	E	F
G Major	G	A	B	C	D7	E ^m	F#	G
A Major	A	B	C#	D	E	F#	G#	A
B Major	B	C#	D#	E	F#	G#	A#	B
C#/Db Major	C#/Db	D#/Eb	F	F#/Gb	G#/Ab	A#/Bb	C	C#/Db
D#/Eb Major	D#/Eb	F	G	G#/Ab	A#/Bb	C	D	D#/Eb
F#/Gb Major	F#/Gb	G#/Ab	A#/Bb	B	C#/Db	D#/Eb	F	F#/Gb
G#/Ab Major	G#/Ab	A#/Bb	C	C#/Db	D#/Eb	F	G	G#/Ab
A#/Bb Major	A#/Bb	C	D	D#/Eb	F	G	A	A#/Bb
KeyCounts								
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